

19990208.qrp v01_n361.qrl.990208

Date: Mon, 8 Feb 1999 19:03:10 EST

From: qrp-1@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: QRP-L digest 1361

QRP-L Digest 1361

Topics covered in this issue include:

- 1) [32402] Re: SST es Rayovac Renewals...
by Jon Beckett <jbeckett@illuminet.net>
- 2) [32403] Re: will never believe there is more CW activity today
by Russ Hines <radioruss@fuse.net>
- 3) [32404] JY1
by Fred J Kalt <w2xn@juno.com>
- 4) [32405] Re: Sending the @ Symbol in CW
by "Jerry McCollom W0MC" <w0mc@hotmail.com>
- 5) [32406] Re: Sending the @ Symbol in CW
by "Paul R. Valko" <prvalko@oakland.edu>
- 6) [32407] NorCal 20
by N9YAI@aol.com
- 7) [32408] MI QSO Sprint Results
by Hank Kohl K8DD <k8dd@contesting.com>
- 8) [32409] Re: [32390] Sending the @ Symbol in CW
by Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
- 9) [32410] FYBO report
by Bruce Grubbs <bog@flagstaff.az.us>
- 10) [32411] Re: Sending the @ Symbol in CW
by Jeff Johns <jeffj@scott.net>
- 11) [32412] Jersey Fireball 40
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 12) [32413] Re: Elmer 101 notes from QRPp
by mikemo@ibm.net
- 13) [32414] RE: Sending the @ Symbol in CW
by Jeff Johns <jeffj@scott.net>
- 14) [32415] Re: [CW] FW: will never believe there is more CW activity today
by N7YA@aol.com
- 15) [32416] WAS QRPp
by Larry Cahoon <wd3p@juno.com>
- 16) [32417] Radio Magic/FYBO/Art O Electronics/new QTH (long)
by "Buck, Preston D" <BuckPD@corning.com>
- 17) [32418] More hams?
by Brett Gazdzinski <Brett.Gazdzinski@mci.com>
- 18) [32419] Re: CW and QRP
by Peter Larsen <larsenp@cadvision.com>
- 19) [32420] Antenna Question

- by Jeff Johns <jeffj@scott.net>
- 20) [32421] Tnx Fer Info on @ Symbol in CW
by "KARL B. STADDON" <ve6kbs@agt.net>
- 21) [32422] Re: Tromelin
by N7YA@aol.com
- 22) [32423] Re: Tromelin
by Paul Erickson <paule@sfu.ca>
- 23) [32424] CQ L.A.
by Mike Duke <K5xu@cris.com>
- 24) [32425] Re: Sending the @ Symbol in CW
by "Radman" <radman@best.com>
- 25) [32426] Re: JY1 is a SK
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
- 26) [32427] FYBO
by Ron Stark <ku7y@dri.edu>
- 27) [32428] Atlanticon News Update: over 90 pre-registered
by "George Heron" <gheron@nac.net>
- 28) [32429] Re: Sending the @ Symbol in CW
by "George T. Baker" <w5yr@swbell.net>
- 29) [32430] Invite to hear Paul Nahin talk
by PGSPersEng@aol.com
- 30) [32431] HW 'test
by Dan Presley <talljazz@teleport.com>
- 31) [32432] (another) 38 Special
by "Roger A. McCarty" <rmccarty@earthlink.net>
- 32) [32433] NorCal Meeting Summary, K2, Atlanticon, NC20 etc.
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 33) [32434] FS: NorCal 20 Blank Cases
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 34) [32435] Re: CQ L.A.
by "Frank West" <ke6vhm@earthlink.net>
- 35) [32436] Fort Smith Hamfest
by Jay Bromley <w5jay@alltel.net>
- 36) [32437] FYBO N4BP
by Bob Patten <n4bp@bc.seflin.org>
- 37) [32438] Re: Sending the @ Symbol in CW
by dave.g@dja@psilink.co.uk (David J. Ackrill)
- 38) [32439] Re: Crooke's Radiometer Explanation
by dave.g@dja@psilink.co.uk (David J. Ackrill)
- 39) [32440] re: (another) 38 Special
by Rick Sealey <rsealey@InfoAve.Net>
- 40) [32441] Re: Sending the @ Symbol in CW
by "Brian J Keegan" <brimail@home.com>
- 41) [32442] FYBO Repoort
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 42) [32443] Re: licensing requirements
by "Mike Yetsko" <myetsko@insydesw.com>
- 43) [32444] End of Morse Radio Show - Real Audio

- by "Bryan Turner" <turnerw@email.uah.edu>
- 44) [32445] Southeast Ohio Radio Adventure Team FYBO Report
by William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
- 45) [32446] End-Fed Zepp Question
by "Dennis B. Dolle" <dolledb@cet.com>
- 46) [32447] Kits
by "Francis Callahan" <colcal@srv.net>
- 47) [32448] WTB: OHR-500
by "Tim Cook" <timcook@erinet.com>
- 48) [32449] FYBO MN QRP Society Report
by applitech@mcg.net (Claton Cadmus)
- 49) [32450] Re: FYBO-SSSS
by Chris Cartwright <ccart@dns.vidtel.com>
- 50) [32451] TmV7a for sale
by Scott Howell <whowell@hq.nasa.gov>
- 51) [32452] FYBO TNX
by "Joseph Street" <joseph.street@comdev.ca>
- 52) [32453] UAG Status Meeting
by "Zoerb, Ron" <Zoerb.Ron@tci.com>
- 53) [32454] Re: FYBO N4BP - and RIT need in SST
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 54) [32455] Re: End-Fed Zepp Question
by "George T. Baker" <w5yr@swbell.net>
- 55) [32456] K2 field test construction news
by Peter_Simpson@ne.3com.com
- 56) [32457] Jersey Fireball 40
by "David Hurley, n2zhy" <n2zhy@amsat.org>
- 57) [32458] Re: Sending the @ Symbol in CW
by Richard Rood <fcs@juno.com>
- 58) [32459] Sneaky NC20!
by "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
- 59) [32460] Some new "old" stuff at the site
by "L. B. Cebik" <cebik@utkx.utcc.utk.edu>
- 60) [32461] SG2020
by "Hans =?ISO-8859-1?Q?Sundstr=F6m"?= <hans.sundstrom@telia.com>
- 61) [32462] SOHO SPACECRAFT DETECTS SOURCE OF HIGH-SPEED SOLAR "WIND"
by Scott Howell <whowell@hq.nasa.gov>
- 62) [32463] FYBO: At 62 deg. ?
by Clifton W Sikes <ab5uacw@juno.com>
- 63) [32464] Re: SST es Rayovac Renewals...
by "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
- 64) [32465] Capacitor S2L Temp Coef Question
by wgabriel@dukeengineering.com
- 65) [32466] SPRAT 97 / Ten Tec PTO
by Wes Spence <ac5k@ih2000.net>
- 66) [32467] FYBO
by "John Humphrey" <jhumphre@ultra-tech.com>
- 67) [32468] Re: 10 TURN POT FOR NC 20

- by Danh Le <dle@san-jose.tt.slb.com>
- 68) [32469] Re: NorCal Kits mailed.
by DYARNES@aol.com
- 69) [32470] Re: End-Fed Zepp Question
by "Phillips Richard" <phillips@msoe.edu>
- 70) [32471] memory sold
by Scott Howell <whowell@hq.nasa.gov>
- 71) [32472] NC20 and missing parts
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 72) [32473] rayovac renewable alkalines
by "Joseph Street" <joseph.street@comdev.ca>
- 73) [32474] Still missing Fall issue of QRPp in Canada
by Mary Barnes <mbarnes@islandnet.com>
- 74) [32475] UK Fox Report
by dave.g0dja@psilink.co.uk (David J. Ackrill)
- 75) [32476] Re: Jersey Fireball 40
by olyellr@iglou.com
- 76) [32477] FYBO de AB7TT (Long)
by Joe Gervais <vole@primenet.com>
- 77) [32478] RE: Antenna Question
by "Ed Tanton" <n4xy@mindspring.com>
- 78) [32479] QRP on the boatanchor Classic Exchange
by Brien Pepperdine <pepperb@gov.on.ca>
- 79) [32480] Dan's NW80/20 Kits..
by William Phinizy <wphinizy@connect3.com>
- 80) [32481] FS: Ten Tec Paragon
by "Tim Cook" <timcook@erinet.com>
- 81) [32482] Fwd: Re: Horowitz & Hill Book on Sale at B&N (and....)
by Jim Lowman <jmlowman@ix.netcom.com>
- 82) [32483] RE: FYBO de AB7TT (Long)
by "Nathan Odle" <nodle01@mail.coin.missouri.edu>
- 83) [32484] Re: FYBO de AB7TT (Long)
by Joe Gervais <vole@primenet.com>
- 84) [32485] FS: NC-20
by K2UD@aol.com
- 85) [32486] Bicycle QRP: Yesterday and Today
by Richard Fisher <ki6sn@yahoo.com>
- 86) [32487] Re: Searching for a Boom Material (Not Explosives :-)
by "Edward A Kwik jr" <eakwikjr@hti.com>

Date: Sun, 07 Feb 1999 19:05:21 -0500
From: Jon Beckett <jbeckett@illuminet.net>
To: nodle01@mail.coin.missouri.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32402] Re: SST es Rayovac Renewals...
Message-ID: <36BE2A41.3CD9FC19@illuminet.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've been using these batteries for about 2 years. For the most part, I'm satisfied with them. They do keep a charge (shelf life) much longer than regular recharge Nicads.

However, if they become fully discharged they are very difficult (sometimes impossible) to recharge. Anyway, I'm still using them because I like them better than regular Nicads.

Hope this helps.

Jon (AD4AB)

Nathan Odle wrote:

> Has anyone had any experience running their SST (or comparable rig) from
> Rayovac Renewal rechargable alkalines? I picked up a charger and 8 cells
> today fairly inexpensively and plan on trying it out as soon as I verify the
> SST is operating correctly. In the meantime, though, I thought I'd try and
> find out what kind of life I should expect from them. The only thing I've
> been able to find is that when you're drawing a lot of current (400-500mA),
> the increased internal resistance of these diminishes their apparent
> capacity. Any notes on your experiences are greatly appreciated. I mainly
> went after them because I could pick up 2 4-sided 4-cell holders from Radio
> Shaft and make a reasonably small battery pack (I also have a 4-sided one
> that will hold 8 cells that I may try). I looked at a 7-AH sealed lead-acid
> today and decided that was just WAY too much weight for me. I've kicked
> around the idea of using Li-Ion but that hasn't gone too well, and also
> couldn't find any small gel cells at the last big hamfest in the area. Oh
> well, as always your questions and comments are appreciated...
>
> 73,
> Nathan
> KB0NNV

Date: Sun, 07 Feb 1999 19:05:32 -0500
From: Russ Hines <radioruss@fuse.net>
To: cait.martin@ibm.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32403] Re: will never believe there is more CW activity today

Message-ID: <36BE2A4C.8A749ABD@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Caitlyn M. Martin wrote:

>
> The thing is, as we enter the next century, CW is a *hobby* and an
> important historical mode only, and a whole lot of people, including many
> new and future hams, have zero interest in it. For that matter, there are
> older hams who hold Advanced and Extra class licenses who feel the same
> way. Count me in that group.
>

Also count in the military... sort of. The Air Force, at least, will
continue to teach CW for the vary reasons you mentioned. They just won't
use it for "normal" communications.

BTW, there's a pretty good editorial in CQ-VHF by W2VU on this and its
kindred topic (the good old days). For instance, I didn't know that, in
1912, the TOP CW requirement was 5 WPM. Interesting, I think.

Date: Sun, 7 Feb 1999 19:11:51 -0500
From: Fred J Kalt <w2xn@juno.com>
To: qrp-1@lehigh.edu
Subject: [32404] JY1
Message-ID: <19990207.191151.-833825.0.w2xn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

QSL cards or other cards of condolences to the Royal Family can be sent
to:

Embassy of Jordan
3504 International Drive NW
Washington, D.C. 20008
TX# [202] 966-2664
Fax# [202] 966-3110

Fred W2XN (reply to: w2xn@arrl.net)
Lakeland, FL

W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP
#233 QRP-L #1728
My Web Page:
<http://www.geocities.com/ResearchTriangle/Thinktank/5344/>

Date: Sun, 07 Feb 1999 17:20:51 MST
From: "Jerry McCollom W0MC" <w0mc@hotmail.com>
To: ve6kbs@agt.net, qrp-l@Lehigh.EDU
Subject: [32405] Re: Sending the @ Symbol in CW
Message-ID: <19990208002052.4666.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain

Karl,

>My question is: How can I send in cw the @ symbol in my email address
>which is: ve6kbs@agt.net? Do I say to email me at: ve6kbs atsymbol
>agt.net ?

I've often wondered this myself. Although I haven't sent my e-mail in a CW QSO, I've wondered how I would. I figured that, since when I say an e-mail address I say "@", e.g. "W0MC AT HOTMAIL.COM", that is how I would send it in CW -- as "AT", dit dah dah.

Which reminds me of an interesting bit of trivia. About 9 years ago I was the maintenance engineer on, among other things, the UNIX "sendmail" program for my company's flavor of the UX operating system. One of the usual address-parsing rules in the standard sendmail configuration was one that parsed "user at domain", meaning, for example, you could send a message to address "w0mc at hotmail.com" and it would parse it and work just as well as "w0mc@hotmail.com". I doubt that this rule exists in many sendmail configurations anymore, but I thought it was kinda interesting.

Well, 'nuf geeky UNIX trivia, back to QRP...

de Jerry W0MC QTH Fort Collins, CO
w0mc@hotmail.com QRP-L #800

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Sun, 7 Feb 1999 19:40:12 -0500 (EST)

From: "Paul R. Valko" <prvalko@oakland.edu>
To: "KARL B. STADDON" <ve6kbs@agt.net>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [32406] Re: Sending the @ Symbol in CW
Message-ID: <Pine.OSF.3.95.990207193749.13500B-100000@vela.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Feb 1999, KARL B. STADDON wrote:
>> How do I send an "@" sign?

The "@" is sent as... didah dah

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Sun, 7 Feb 1999 19:42:02 EST
From: N9YAI@aol.com
To: QRP-L@lehigh.edu
Subject: [32407] NorCal 20
Message-ID: <5b81801c.36be32da@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got mine in the mail..... YIPPEE
What a really NICE looking kit. I really cant wait to get started on it.
I think the guys at NorCal have outdone themselves this time.
Thanks to all of you NorCalians that produced this fine piece of equipment.

Date: Sun, 07 Feb 1999 20:01:08 -0500
From: Hank Kohl K8DD <k8dd@contesting.com>
To: qrp-l@lehigh.edu
Subject: [32408] MI QSO Sprint Results
Message-ID: <4.1.19990207195713.00abb190@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MI QSO Contest Results will be posted at:
<http://www.tir.com/~k8dd/miqrp.htm>
as they become available from the MI QRP Club Contest
Manager, N8CQA.

The Labor Day Sprint scores are in the Results link.
The January Sprint scores will be there in the next week.
(The link is there, but no scores yet!)

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Sun, 7 Feb 1999 17:10:46 -0800 (PST)
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@netcom.com>
To: ve6kbs@agt.net
Cc: qrp-1@Lehigh.EDU
Subject: [32409] Re: [32390] Sending the @ Symbol in CW
Message-ID: <199902080110.RAA07746@netcom15.netcom.com>

Just send the word "at". Early versions of sendmail and other
internet mail programs actually accepted addresses like "faunt at
sri-kl".
73, doug

Date: Sun, 07 Feb 1999 18:17:11 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: qrp-1@LeHigh.edu
Cc: wshogin@primenet.com
Subject: [32410] FYBO report
Message-ID: <3.0.5.32.19990207181711.00998100@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy all,
Scott, K7ZEN, and I operated from near Camp Verde, AZ from about 0930-1630
local mean time. Our lowest temp was 37 but it quickly warmed up after the
morning fog burned off. I believe our highest was 66, but the sun was
toasty. Hey, we live in the snow so we felt justified in escaping to the

desert! Gear was my Sierra running 950 mw, ZM-2 tuner, WM-2 wattmeter, a 270 foot wire, and SLV. Most of the contact were made with the wire. Our final score was 43 QSO's x 22 spc x 4 field x 2 alt powr x 2 QRPp x 4 low temp = 60,544.

As always, I'm impressed by the perseverance and skill shown by the QRP crowd in digging our 950 mw out of the QRM and QRN. Top honors for tenacity goes to W4EEX who stayed with us patiently while running 500 mw herself.

72/73,

Bruce, N7CEE
bog@flagstaff.az.us

Date: Sun, 7 Feb 1999 19:23:12 -0600
From: Jeff Johns <jeffj@scott.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32411] Re: Sending the @ Symbol in CW
Message-ID: <199902080123.TAA25942x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sun, 07 Feb 1999 17:20:51 MST, "Jerry McCollom W0MC" <w0mc@hotmail.com> wrote:

> I've often wondered this myself. Although I haven't sent my e-mail in a
> CW QSO, I've wondered how I would. I figured that, since when I say an
> e-mail address I say "@", e.g. "W0MC AT HOTMAIL.COM", that is how I
> would send it in CW -- as "AT", dit dah dah.

W4JEF @ AMSAT.ORG

.-- - .----- --- - .-.- - --- .-. --.

Can youu tell I have been practicing? My MFJ Code Tutor has
..... as the @ symbol.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L #1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
```

|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |

Date: Sun, 07 Feb 1999 20:45:17 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [32412] Jersey Fireball 40
Message-ID: <36BE41AD.91982DF1@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Up and running with my Jersey Fireball 40 on 40 meters. I don't know my output level as nothing I have will go down to 40 mw.

It's now 0139 utc Monday. I will be on 7.80.5 on the hr, 15, 30 and 45 minutes after the hr until 0400 utc on Monday.

Please listen up for me! First contact gets the car that I plan to win for making zillions of contacts in the FYBO(Froze off most of my extremities and find I can no longer drive said prize).

Thanks!

David,n2zhy
Princeton,NJ

Date: Sun, 07 Feb 1999 20:37:31 -0500
From: mikemo@ibm.net
To: jimprice@ipass.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32413] Re: Elmer 101 notes from QRPP
Message-ID: <36BE3FDB.746E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Price N3QYE wrote:

>

> Anyone have an idea when the Elmer 101 notes might become available?

> I understand NA5N has permission from QRPP to publish them separately,
> but I haven't received a reply to the email I sent him (at
> na5n@route66.com).

Nearly everything there is on my website at
<http://www.qsl.net/kf4trd>
although it's not nearly as pretty as the Norcal publication ;-)
There are also links to Glen Leinwebers site which has many excellent
articles relating to the elmer project.
Enjoy
72 de ku4qo, Mike Maiorana

Date: Sun, 7 Feb 1999 20:11:56 -0600
From: Jeff Johns <jeffj@scott.net>
To: <mike1@urbancom.net>
Cc: qrp-l@Lehigh.EDU
Subject: [32414] RE: Sending the @ Symbol in CW
Message-ID: <199902080211.UAA12019x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

On Sun, 7 Feb 1999 19:56:19 -0600, mike1@urbancom.net (Dinelli, Michael) wrote:

> 8 dots mean error not "at." Your code tutor selected "a" symbol to represent
> error.

Darn :(Just when I thought I knew something <grin>. Mike is right.... the
Code Tutor is using the 'a' which I assumed was a '@' sorry for the
confusion. I have not actually practiced this set of characters in the Code
Tutor, but knew it was in there. I have only been doing the FCC character
set.

73 Jeff

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L #1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sun, 7 Feb 1999 21:10:55 EST
From: N7YA@aol.com
To: cw@qth.net
Cc: qrp-1@lehigh.edu
Subject: [32415] Re: [CW] FW: will never believe there is more CW activity today
Message-ID: <539f4e66.36be47af@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/7/99 4:34:35 PM Pacific Standard Time,
n4xy@mindspring.com writes:

<< Rather than blasting no-coders and FMers, why not try to get them interested in learning what you are so passionate about? I *did* learn CW, and am doing it again because I want my Extra, not because I like it. Others though, will genuinely enjoy CW operation. Don't drive them away by putting them down. Instead, encourage them. >>

this is a great idea. i have done my rounds knocking other folks for things that *I* dont happen to agree with....and you know what? they dont care what i think! a bit of personal growth has revealed that when im open to all people, things go much smoother for me. and we ARE all bretheren here, arent we?

if someone got a callsign (by whatever means), offer them a look at your ideas and what you find so alluring about them. bashing them will surely drive them further away from the very thing you want them to try. then your left looking foolish. if they dont want it, no problem, at least you can still have your fun.

I still dont like how W5YI handles his business, its still very suspect to me. but those that dont like, or use, CW are no longer to be criticized or accused of "contributing to the demise of ham radio"...at least not in this shack! were all hams, some of us are friends, some of us arent. some of us use code, some dont. but if you have a call, your ok with me! fellowship and unity are going to be the saving grace of our fraternity. thats my position, i encourage you to join me....but its not required, of course. BTW, i think things will clean up a bit anyway...big brother Riley is watching!

this is my first and last post about this....thanks for reading this far.

73...Adam, N7YA

Date: Mon, 8 Feb 1999 02:18:24 +0000
From: Larry Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU

Subject: [32416] WAS QRPP

Message-ID: <19990208.021824.15006.0.wd3p@juno.com>

While I can't seem to keep up with Jim, sri I didn't have the time to do much on FYBO this weekend, I did achieve most of the goals this weekend. Never heard ME in their QSO party so I still need that state at 30 mWatts. I did manage to add VT, DE, and MN to my list - so the WAS QRPP total power stands at 10.3 Watts. Still need RI and WV for WAS at 1,000 miles per watt.

But for JIm's little AK club contest/award I am sitting at 17 states and 3.348 Watts. The details:

AR	0.500
AZ	0.500
CO	0.500
DE	0.018
FL	0.500
IA	0.030
KS	0.500
MN	0.035
MO	0.035
MS	0.035
NH	0.030
NY	0.035
OK	0.035
PA	0.030
TX	0.500
VT	0.030
WI	0.035

Now on the millenium award I've still got some catching up to do with only 95 QSO's to date. It would be more if I could count multiple QSOs with the same mobile the same day as they moved into different counties. But that is not in the rules. Besides it would make the counting a bit harder.

Back to more fun. Next report sometime in the future.....72 de
Larry.....WD3P in MD.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 07 Feb 1999 21:50:24 -0500
From: "Buck, Preston D" <BuckPD@corning.com>

To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [32417] Radio Magic/FYBO/Art O Electronics/new QTH (long)
Message-ID: <62C28BE46356D2118F5D0000F8CD13F17244A3@SILVER.CORNING.COM>
Content-Return: allowed
Mime-Version: 1.0
Content-Type: text/plain

Greetings all,

This weekend was radio magic. I have been off the air since Aug 98 because of moving, new job, no time for antenna installation, etc, etc (and sundry excuses). My last contact before moving was with my SW40 that I had built, it was also my first contact with it. That contact was with N1SMB, Allen from New Hampshire and he was running QRP as well. A good first QSO for my first homebrew radio! I promptly logged it and forgot the call.

Fade to FYBO 99. I spend last weekend assembling the MFJ1769 and several evenings installing it for FYBO. FYBO morning is 34degrees and raining - this boy is staying inside. On 40m listening to some fast op with a contest exchange. Listen several times to make sure I have the exchange - NH QSO part and I need NH. (Do you see where this is heading) Work the op and move on. In a lull during FYBO, I transfer my notes to my log book. The NH op is none other than N1SMB !!!!! Is that radio magic or what? Two consecutive slots in my logbook separated by 7 months the same ham, as if he was waiting for me.

FYBO was good but most CW was a hair (big thick hair) too fast for me, so I cheated. I would listen to a exchange several times until I had the info down, then I pounced when I knew I had it right. Made my first 20m CW and 15m CW QSO as well. Got some new states 2xQRP. And I worked CA on 10w SSB on 10m. 40m wasn't too good for me because the combustion fan in the pellet stove gives me s9 static. The noise blanker drops it to about s3 and that helps. Got to read up on how to stop that static. I am thinking of some ferrite beads on the DC input to the fan. FYBO stats: 12 QSOs, 8 SPCs, no multipliers for a grand total of: 48! This is better than last year when I had only 1 FYBO contact and didn't get the lowest temperature because I kept the shell of the truck closed (18 degrees). But I had fun and only operated intermittently, and went to sleep that night with CW on the brain.

I bought my copy of Art o' Electronics for \$30 plus shipping. I used a used book search website (<http://www.abebooks.com/>) to locate the book then worked with the used bookseller that had it. I have bought several books that I have wanted for a long time this way.

I am at a new QTH, no longer in the flat. I have 12 narrow acres with a log house that is about 1300ft ASL, which is 800ft higher than before, at the military crest of the hill. Only a few houses but the neighbors are nice, and I can shoot in my own backyard. In fact, one neighbor is a bigger gun

nut than I, though my wife was surprised to learn there is such a being. Antenna wise, the MFJ vertical is up and works as advertised but doesn't have 160/80 and WARC. I am thinking about a 160m full wavelength, end fed antenna. I must go to LB's site and read up some. My big concern is lightning because the neighbors lost a house several years ago to a lightning strike on a TV antenna. I was also thinking about a 2000ft longwire. Decisions, decisions.

K2 is on order with much anticipation. I am even going to buy a new solder station to help me do it right. Haven't mentioned it to the wife yet but I will tell her it is for Y2K along with the generator. The best part of Y2K is using it for an excuse to buy more goodies that I have always wanted anyway.

73

Preston, n0g1m, Southern NY State

My words, not my employers

Date: Sun, 07 Feb 1999 21:59 -0500 (EST)
From: Brett Gazdzinski <Brett.Gazdzinski@mci.com>
To: QRP-L@lehigh.edu
Subject: [32418] More hams?
Message-ID: <19990208030157.0BMU5654@localhost>

Hello all QRP lovers!

At various times, I have heard mentioned that it's a good thing to have lots of/ more hams on the bands. Besides selling more equipment, why is this supposed to be a good thing?

I think if someone is really into it, they will surmount a lot of obstacles to get into it. I think this was always so.

You could not have kept ME out of it...

As the total ham population is really small, and does not have the money to pay the folks in office to vote the way we want them to, and the industry can pay lots of money for frequencies, and as far as voting goes, the numbers are too small, what is with the seemingly endless cry for more hams?

I read all the old qst,s and 73 mags from the 50,s and 60,s I have around, and they were talking about the need for new hams also.

While the cw guys may have enough space, the condition of the voice segments on the hf bands at night is a real mess.

Sure it's important to help anyone interested in radio, but why is there always this call for new hams when you can't fit another qso in side(band) wise?

Is there an official reason why we need lots more hams on the air?

When I become king, I will decree that no licences be issued unless the person has built their radio. Kits are ok for a general class, all homebrew gets you an extra!

Brett
N2DTS

Date: Mon, 08 Feb 1999 03:31:25 +0000
From: Peter Larsen <larsenp@cadvision.com>
To: olyellr@iglou.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32419] Re: CW and QRP
Message-ID: <36BE5A8D.F8DEE3AA@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

olyellr@iglou.com wrote:

> play radio, for Pete's sake.

Why Thank you

--

73 es have fun
Pete J. larsen
VE6YC D021wc

Artificial intelligence is no match for natural stupidity.

Date: Sun, 7 Feb 1999 21:33:53 -0600
From: Jeff Johns <jeffj@scott.net>
To: qrp-1@Lehigh.EDU
Subject: [32420] Antenna Question
Message-ID: <199902080333.VAA10848x@scott.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

While anxiously awaiting the arrival of my SW40+ kit from Small Wonders Labs and my Rainbow tuner kit from another list member, I have been pondering antenna options and since my HF skills and experiences are quite limited I would like to seek some input.

When installing a dipole here at my house, what is the best direction to install it? Facing North & South or East and West? The reason for asking is that my 10 meter dipole is currently facing Northwest and Southeast. I have no problems hearing stations in the Western part of the country ie. CA, AZ, UT, AK but never hear anything from the Northeast with the exception of a VE station I worked on Price Edwards Island. My furthest contact with this configuration was a contact with a station on the Canary Islands (quite a thrill and I told everyone I knew whether they cared or not <g>).

with the above in mind, I have been thinking about the Rainbow tuner which will allow me to use a halfwave long wire which will be as close to vertical as possible. I assume that this type of antenna will radiate in a omnidirectional pattern. Right?

The reason for asking about the dipole is I have told my XYL that I can hide it in the attic to keep her happy and my house faces in a North/South direction and now I'm wondering if this is really the best setup for me :-/ Maybe the best solution for me would be the longwire, covertly hidden?

As someone who has recently upgrade from a no-code ticket to a ticket with limited HF priveleges, it's amazing to me what has to be learned to operate effectively on the HF bands. I had done almost everything on the VHF/UHF bands and felt very comfortable with microwave technology, digital modes and antenna designing (I hombrewed a lot of my own stuff) but HF is a whole different animal. I have learned that I'm not the only one on the list with these questions as I have received several personal emails from others such as myself who just aren't quite as vocal as I am <g> who tell me that they needed to know that answer also. So folks, I realize a lot of stuff I ask is very basic and simple things to those of you that already know it, but you _really_ are helping a lot of we newcomers to HF and _that_ is the spirit of amateur radio, not code vs. no-code.

73 Jeff <--- soon to be 72<g>

```
*----- Jeff Johns W4JEF - AMSAT# 32615 - QRP-L #1857 -----*
|jeffj@scott.net w4jef@amsat.org | Reserve Patrol Captain |
| Satellite: Mir R0MIR-1, AO-27 | Jefferson County Sheriff's Dept|
|200LX+BayPac+FT50=Portable Packet| QTH Birmingham, AL USA |
*-----*
```

Date: Sun, 07 Feb 1999 20:18:19 -0700
From: "KARL B. STADDON" <ve6kbs@agt.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32421] Tnx Fer Info on @ Symbol in CW
Message-ID: <36BE577B.F08EA50C@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I got an amazing number of responses to my request earlier today. The jury was split on sending my email address in cw on a beacon as:

1. ve6kbs at agt.net
2. ve6kbs at agt dot net

Thanks to all for taking the time to respond. What an incredible reflector!

Cheers de KARL, VE6KBS, CALGARY, AB, CANADA

Date: Sun, 7 Feb 1999 22:32:20 EST
From: N7YA@aol.com
To: qrp-1@lehigh.edu
Cc: lowpowerdx@egroups.com
Subject: [32422] Re: Tromelin
Message-ID: <22361507.36be5ac4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 2/5/99 10:57:00 PM Pacific Standard Time, carmodyjim@earthlink.net writes:

<< I hope you are all focused and thinking positive thoughts about FR/T!
Here is some food for that thought.....

<http://www.buck.com/cntry-cd/factbook/te.htm>

It must be a pretty wild place on a Saturday night!

Jim/nn5o >>

This website is worth checking out! be sure to click back to the master list, this is very cool! Thanks Jim.

73...Adam, N7YA

Date: Sun, 7 Feb 1999 19:45:34 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: N7YA@aol.com
Cc: qrp-1@lehigh.edu (qrp)
Subject: [32423] Re: Tromelin
Message-ID: <199902080345.TAA26385@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Check out the CIA fact book also. Gives a bit more information.

cheers, Paul - VE7CQK

>
> In a message dated 2/5/99 10:57:00 PM Pacific Standard Time,
> carmodyjim@earthlink.net writes:
>
> << I hope you are all focused and thinking positive thoughts about FR/T!
> Here is some food for that thought.....
>
> <http://www.buck.com/cntry-cd/factbook/te.htm>
>
> It must be a pretty wild place on a Saturday night!
>
> Jim/nn5o >>
> This website is worth checking out! be sure to click back to the master list,
> this is very cool! Thanks Jim.
>
>
> 73...Adam, N7YA
>

Date: Sun, 7 Feb 1999 22:51:36 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32424] CQ L.A.

Message-ID: <Pine.GSU.4.05.9902072248020.9979-1000000@mariner.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This weekend, I will be attending a meeting at a hotel near LAX.

Please give me a few 2 meter or 440 repeaters which allow strangers, and which I can access with my ht.

I won't have much time to chat this weekend, but I'll be back for a week in July.

Thanks and 72,

Mike Duke, K5XU,
President,
Mississippi Council of the Blind
<http://www.prestridge.com/mcb/>

Date: Sun, 7 Feb 1999 19:56:37 -0800
From: "Radman" <radman@best.com>
To: <ve6kbs@agt.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32425] Re: Sending the @ Symbol in CW
Message-ID: <199902080353.TAA02572@proxy3.ba.best.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Karl et al,

How to send the "@" sign? Good question !! Browser over to: "The Telegraph Lore" web page, then link to "The Codes"... you'll find one procedural answer. I'll be the first to admit it's the first time I've ever seen this ;)

URL:
<http://www.concentric.net/~Gsraven/index.shtml#contents>
URL: <http://www.concentric.net/~Gsraven/codes.html>

"@" is sent as "dit dit (pause) dit dit" in the same way that "AND or &" is sent as "dit (pause) dit dit dit."

My question to the list is: does anyone use this :-) ??

72 - Conrad Weiss - NN6CW

email: radman dit dit pause dit dit best (period) com

My question is: How can I send in cw the @ symbol in my email address which is: ve6kbs@agt.net? Do I say to email me at: ve6kbs atsymbol agt.net ?

Cheers, DE VE6KBS, KARL B. STADDON, CALGARY, AB, CANADA

Date: Sun, 07 Feb 1999 23:16:12 -0500
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32426] Re: JY1 is a SK
Message-ID: <36BE650C.C8618914@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

> Er, well, they're probably talking about AF vs. RF speech compression. They
> were both pretty serious SSB types. And great men.
>
> 73,
> Vic, K2VCO
> Fresno CA

It is a shame that us newer hams didn't get to work either of these fine gentlemen. We had one of our older members at the meeting Friday evening with his JY1 QSL card and (thanks to CNN) a local TV station came to the meeting, interviewed Bill and stuck around for a chance to see what Amateur Radio was all about. You could say this was in our favor, since Great Lakes Vice Director, George Race (WB8BGY) was on hand for the meeting, too!

May JY1 rest in peace.....and may we, the younger generation of Amateurs, find reason to keep the low bands alive and vibrant so others can enjoy it.

72/73,
Erv W8ERV

Date: Sun, 7 Feb 1999 20:44:19 -0800 (PST)
From: Ron Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32427] FYBO
Message-ID: <Pine.SOL.3.96.990207204340.5799C-100000@vortex.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All

FYBO was only a few minutes here..... too many things got in the way.

But I did work 10 stations in 7 states on 3 bands with my 200 mW.

Thanks to all and to Joe and crew for putting this event together!

However, from what I've been reading here, if you are going to thank Joe in person, check the wind direction first!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 7 Feb 1999 23:55:18 -0500
From: "George Heron" <gheron@nac.net>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [32428] Atlanticon News Update: over 90 pre-registered
Message-ID: <00dc01be5320\$4f25f8a0\$8b327bd1@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's been a bit since we've talked about the Atlanticon QRP Forum but things are shaping up **really** well for this to be an outstanding QRP gathering here on the east coast next month, and there's some exciting news to share.

First, over 90 people have pre-registered already! This means that we're creating over 90 special Atlanticon badges, and creating over 90 information packets, and making plans to accommodate over 90 attendees at the Holiday Inn Select facilities in Timonium, MD. WOW!

But this also means that if everyone shows up (and we have reason to believe that most are planning to), there's only room for another 10 to legally fit into the conference rooms we've reserved at the hotel. Since this is a first-come, first served event, pretty soon not all will be able to have seating, and we're not sure how strict the fire marshal will enforce the room capacity limits. There will only be 100 chairs, and 100 copies of the QRP Proceedings, so be sure to make your reservations NOW and plan to get there early!

Next, we've placed a **major** consolidation, revamp and update of information concerning the Atlanticon QRP Forum on the Jersey QRP website. You should definitely stop by there to get the latest on events, speakers, presentation topics, and the timing for the entire weekend. The web page is located at <http://www.njqrp.org/atlanticon/>

And for those who do not have web browsing capabilities, we have a large information file that can be automatically sent to you by putting SEND ATLANTICON in the body of a message addressed to EMBOT@NJQRP.ORG. This email request will return to you an email containing a text version of everything on the Atlanticon webpage (except the maps). This is a pretty cool feature!

So please check out the information contained at the website, and make your travel plans asap ... there are only 47 days remaining before we experience the biggest QRP event on east coast: ATLANTICON 99 !!

73/72,

--George Heron, N2APB
n2apb@amsat.org in Sparta NJ
for the NJ-QRP Club at <http://www.njqrp.org>

Date: Sun, 07 Feb 1999 23:20:29 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: jeffj@scott.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32429] Re: Sending the @ Symbol in CW
Message-ID: <36BE741D.403E8DB5@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thought a series of 8 dits signified an error? ;^)

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

Date: Mon, 8 Feb 1999 01:17:09 EST
From: PGSPersEng@aol.com
To: qrp-l@lehigh.edu
Subject: [32430] Invite to hear Paul Nahin talk
Message-ID: <a581f29a.36be8165@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang,

As acting president of the Port City ARC (Portsmouth, NH), it's my job to come up with activities for our monthly meetings. I'm delighted to announce that I have a commitment from Paul Nahin, author of The Science of Radio, to speak at our meeting on Wednesday, March 3. His talk has a working title of "Spark Radio -- The Days Before Voice." Our club meetings are always open to the public, but I'd like to extend a special invitation to any QRP-Lers who might be in the area at that time to drop by. We meet at 7:30 PM at The Edgewood Centre (928 South St).

I'm a real fan of The Science of Radio, which takes a historical perspective to teaching about radio technology. To quote the flyleaf, he "charts the development of the ordinary superheterodyne AM radio receiver for the specific purpose of providing an introduction to fundamental physics and engineering. Taking a 'top-down' approach to the subject, Nahin starts with a broad

overview of radio as a sociological and technological phenomenon, then describes specific advances in research that made radio possible, moving through deeper levels of technical detail as the story progresses."

In other words, you don't just learn that spark gaps fill the air waves with mush, he gives you all the theoretical underpinning and equations that show why. Then he explains what engineers did to solve that problem, again with the theoretical underpinning. And he continues this process of reviewing technological advances until he brings the spark-gap radio into the modern superhet age. It's a really unusual approach to teaching RF technology to engineering students. And having Paul work at the Univ of NH just a few miles down the road in Durham makes him all the more accessible to our club.

Paul's also a prolific science-fiction author, having published stories in all the most popular magazines. His other books lean more towards non fiction in topics as wide ranging as statistics, the history of time machines and biographies (including one of Oliver Heaviside).

Anyway, you can see that it promises to be a fascinating evening. Again, all QRP-Lers heartily welcomed. If you need better directions or other details, drop me a line.

Paul Schreier, AA1MI

Date: Sun, 7 Feb 1999 22:49:55 -0800
From: Dan Presley <talljazz@teleport.com>
To: pmk@juno.com
Cc: qrp-l@LeHigh.edu
Subject: [32431] HW 'test'
Message-ID: <v03007800b2e4388f138a@[216.26.6.230]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Patrick-a big thanks for the nice certificate for the HW 'test! I was fortunate to have a friend,Dave,KA7OZO lend me his complete HW station (HW9,and all HW accessories; speaker, antenna tuner,power supply and swr/wattmeter). Lots of fun once I figured out how to use a DC reciever!

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Sun, 7 Feb 1999 23:23:04 -0800
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "'HomeBrew'" <homebrew@qth.net>
Subject: [32432] (another) 38 Special

Message-ID: <001201be5333\$dddfc75a0\$8f05b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Finally!.....completed the 38S. A "different" front panel. See at;

<http://www.accurate-electronics.com/38s>

Roger A. McCarty ARS KD6CC
<http://www.qsl.net/kd6cc>
Qrp-L #1555 Southern California

Date: Sun, 7 Feb 1999 23:03:31 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [32433] NorCal Meeting Summary, K2, Atlanticon, NC20 etc.
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Today was the regular meeting of the NorCal QRP Club, and it was made =
even more special by
the first showing of completed NorCal 20 and K2 kits that were actually =
production models and=20
not prototypes. There were 3 K2's there, and I noticed that each =
builder hovered over his pride
and joy. What a radio!! Guys, the pictures don't do this kit justice. =
You have to see it to believe
it. A fabulous job by Wayne and Eric. This one is literally going to =
give Kenwood, Yaesu, Icom and Tentec come competition! I cannot believe =
how far kits have come in the last 6 years. The standard has grown by a =
bunch on this one.

Dave Adams had his NorCal 20 there, and it too was a work of art. While =
the K2 is a full featured all band rig, the NorCal 20 is a single band =
rig that has been optimized to be a "proper radio" as Dave Fifield likes =
to refer to it. Dave, Jim and I were also the proud recipitents of Doug =
Hauff's aftermarket anodized cases. Dave and I received Red ones, Jim's =
was teal I think the color is called. But they are beautiful and really =
set the radio off. The colors were specially done by Doug, and were =
presented to the three of us for our work with NorCal kits. Thank you =

very much Doug, Jim , Dave and I appreciate your gift and it was a very =
kind gesture. The best part is that mine has my call on it, so when I =
take it with me, it is easily identified. Doug is selling anodized =
cases in black with engraved lettering for the panels. You can have any =
color you want as long as it is black. The colors that you will see on =
the NorCal page were special order items by Doug, and as he explained to =
me, it is just not cost effective to do them for after market sales. =
Sorry guys.

I just visited the NJ QRP Club Web page, and wow, what an effort they =
are putting in for Atlanticon. Take a look at =
<http://www.njqrp.org/atlanticon/> and see what I am talking about. They =
have over 90 people preregistered, and they are filling up fast. =
Atlanticon will soon be a household word for QRP events if not already. =
George Heron, Dave Maliniak and Dave Benson are the chairmen for the =
various events and they have a fantastic lineup of speakers. It is =
really great to see all of this positive activity taking place in QRP. =
Atlanticon, Ft. Tuthill, Pacificon, HamCom, Dayton, all major QRP events =
in the US, and there are the smaller groups springing up, with Iowa QRP, =
NW QRP - BC QRP, Ft. Smith, AR, North Carolina QRP all hosting smaller =
events and everyone having fun. If you are anywhere near Baltimore, I =
encourage you to attend Atlanticon. Pretty soon, they will be wanting =
to change the name from Timoneum to Atlanticon. It is already known =
that way by most of the QRPers that I talk to.

Also, I need to address a couple of things on the NC20. First of all, =
we are waiting for 30 days or so to start kitting the third world kits. =
We want to get several of them on the air and make sure that everything =
is ok before we send out the kits. I know that Chuck is using his every =
day and has given it a pretty good shakedown, and Gary Surrency is =
making tons of contacts with his. I expect to hear of more operational =
reports this week on QRP-L of others as they get their rigs up and =
running. George Dobbs and I talked at Pacificon, and the plan is for =
these kits to be hand carried into all of the countries. George is =
going to place them with individuals that he knows will see that they =
get built and used. He told me that the typical recipient would be an =
already licensed ham, who probably got his license at college where he =
operated the radio club station. Then when he left college, he was not =
able to afford to buy a ham station for home operation. This is our =
target, someone who knows how to build, who has experience with =
operating, and has the knowhow to put the radio on the air. George also =
is considering sending the kits out in units of 5 or 10 with a built =
radio included to use as an example for comparison. Volunteers from the =
G-QRP club will handle the details. The manual will also be translated =
into native languages where possible. Again. George will handle the =
details. We also have to send the radios to George slowly, so as to not =
overwhelm him.

The important thing was to get the kits out to all of you who paid for =
this project. That has been done. Jim told me that all kits were =
mailed Friday. If you live in the US, let us know if you don't receive =
your kit by Saturday. For those of you who live in foreign countries, =
give us two weeks. All kits were mailed priority mail in the US and Air =
Mail to DX orders.

Date: Sun, 7 Feb 1999 23:10:30 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [32434] FS: NorCal 20 Blank Cases
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

We had some extra NC20 cases made with plain panels, and those are now =
available. The cases are made from .060 aluminum, and come complete =
with undercut flat head screws that fit flush. The size is 5" x 5.25" x =
2.5". It is a very rugged case, and the only difference between it and =
the NorCal 20 case are the holes in the panels of the regular NorCal 20 =
cases. We have 90 cases left. To order, send a check or money order =
made out to Doug Hendricks for \$15 per case + \$4 shipping and handling =
per case. Send your check to:

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

These cases are perfect for tuners, batteries, external speakers, etc. =
I will keep the list posted as to the status of the orders. 72, Doug, =
KI6DS

Date: Sun, 7 Feb 1999 23:36:14 -0800
From: "Frank West" <ke6vbm@earthlink.net>
To: <K5xu@cris.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32435] Re: CQ L.A.
Message-ID: <00f601be5336\$12b8e880\$bf03b2d1@frank-west>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well the Bomb Squad is a real friendly group. 147.210+ 156.7 PL
There is one guy there that seems to always be listening, his name is Johnny
and his call is KQ6KE - Also a guy from right here on the QRP-L reflector is
Roger KD6CC and myself frank KE6VKM
Look forward to a chat.
72 de Frank es welcome to So Cal.

>Please give me a few 2 meter or 440 repeaters which allow strangers, and
>which I can access with my ht.
>

Date: Mon, 08 Feb 1999 02:41:02 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32436] Fort Smith Hamfest
Message-ID: <36BEA31E.19B573A0@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Several members that aren't on the internet have asked for this
information in regular form, so here it is.

The Fort Smith Area Amateur Radio Club
Hamfest 99
Will be held on Saturday, March 13, 1999
at the Fort Smith Civic Center
Its behind the Holiday Inn Down Town Ft. Smith.
55 South Seventh

Special Guest "Doug Hendricks of NorCal"

Doors will open at 8:30 a.m.
Setup Time Sat. 6:00 a.m. - 8:00 a.m.
Talk-in 146.64 - W5ANR
Admission \$5.00 - 16 Free
Flea Market Tables \$10.00 each Easy Setup
Electricity Available for \$5.00 extra

Mail To: Fort Smith Area Amateur Radio Club (FSAARC)
P.O. Box 32
Fort Smith, Ar. 72901

Hamfest Chairman: Win Dooley WB5KOM

e-mail wb5kom@amsat.org Phone 501-785-5313

Hamfest Co-Chairman: Kelsey Mikel KK5KU
e-mail kk5ku@amsat.org Phone 501-452-2525

Special Room rates: Holliday Inn

Fort Smith Civic Center
\$58.00 Per Day
700 Rogers Ave.
Fort Smith, Ar. 72901
Phone 501-783-1000

Homebrew and Kit Building Contest

VE - testing 10:00 a.m.

Doug Hendricks Special Guest Speaker will be giving away a
NC-20 at the QRP Forum

A entry fee of \$5.00 to keep us honest with Ar. Law

Don't have to be present to win. Mail entry fee to:

W5JAY Jay Bromley

9505 Bryn Mawr Circle

Fort Smith, Ar. 72908-9276

Please put on the memo line in your check-- NC-40

Hope you can make it and again ideas and suggestions are welcome!

Sorry it took me so long to get this out gang, I am knee deep in K2.

73 de w5jay..

Date: Mon, 8 Feb 1999 03:55:51 -0500 (EST)

From: Bob Patten <n4bp@bc.seflin.org>

To: QRP-L Reflector <qrp-l@lehigh.edu>

Cc: Dan Street <k1to@aol.com>

Subject: [32437] FYB0 N4BP

Message-ID: <Pine.3.89.9902080327.B11253-01000000@bc.seflin.org>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Attended the Tropical Hamboree in Miami with guest G3AOS Saturday. We both completed our shopping lists earlier than expected and were home by about 3pm local time.

According to the NA logging software, this gave me about five hours to play in the FYB0. I had previously decided to use my lil SST-20 and thus was limited to the one band. Power line noise was fierce again at times,

and the usual FL QRN was a problem. I had to ask several contacts for repeats again and again, nobody gave up on me. Even managed to pull out AL7FS and KL7H due to their tremendous patience.

Geoff, G3AOS hung over my shoulder part of the time and prodded me to keep going for that 100th QSO. Final tally, 100 Q's, 36 SPC. Mults were X2 for Alternate power (FD battery) and X2 for QRPP (1W) for 14,400 points. The indoor temp was about the same as outside at 80 degrees, so no mult there.

Any SST experimenters out there? The sidetone pounded my ears mercilessly. How do I reduce the signal level hitting the RX stage? Anyone play with RIT for this rig? This nearly cost me some contacts on the edge of my bandpass. I'm reluctant to tune them to the center of the passband since they might not be able to hear me come back. Jim, FS - that's why I had such a tough time with you. Your signal was quite good, but outside my passband.

Fun contest! Should be a category for highest in-the-field temp. :-)

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 08 Feb 1999 10:58:03 -0800
From: dave.g@dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Subject: [32438] Re: Sending the @ Symbol in CW
Message-ID: <E109oKx-000190-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Unless the person receiving the address is *very* new to internet/email, then I'd suggest just saying 'at', as in;

dave . g@dja at psilink . co . uk

Now, do you send the word 'dot' or send the character for a full stop between each word :o)

Dave (G0DJA)

Date: Mon, 08 Feb 1999 10:58:05 -0800
From: dave.g0dja@psilink.co.uk (David J. Ackrill)
To: qrp-1@lehigh.edu
Subject: [32439] Re: Crooke's Radiometer Explanation
Message-ID: <E109oKz-000190-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Nah.....

It's the little people what live in the base that does it.

Heat rises from their little bodies, from the effort they put in while they are sending QRP CW, and this spins the vanes. Like those paper lampshades that you see in gadget shops, or at Christmas.

:o)

Dave (G0DJA)

>I have a radiometer on my window sill at work. I agree that they are
>marvelous devices. The explanations posted here as to how they work are
>incomplete though, so I thought I would give it a try. I do this for a
>living (Physics that is).

Date: Mon, 08 Feb 1999 05:55:55 -0500
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@lehigh.edu
Subject: [32440] re: (another) 38 Special
Message-ID: <4.1.19990208055509.01d0dd60@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Roger, well done on the rig! Good pictures, too!
Your subject line should have been "(NOT just another) 38 Special"

Rick - W4SEA

Original message - At 11:23 PM 2/7/99 -0800, you wrote:
>Finally!.....completed the 38S. A "different" front panel. See at;
>
><http://www.accurate-electronics.com/38s>
>
>
>Roger A. McCarty ARS KD6CC
><http://www.qsl.net/kd6cc>
>Qrp-L #1555 Southern California

Date: Mon, 8 Feb 1999 06:07:33 -0500
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [32441] Re: Sending the @ Symbol in CW
Message-ID: <001701be5353\$41baba60\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just spell out the word "AT". I've heard this on other beacons. Besides, how many people would know the Morse character for "@" anyway?

Brian KF2HC

Date: Mon, 8 Feb 1999 08:25:50 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [32442] FYBO Repoort
Message-ID: <v03110702b2e48836cb57@[132.235.81.6]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

<fontfamily><param>Geneva</param>Gang,

Here is the results of my FYBO operation. I had the Scout 555 turned down as low as it would go... estimated about 2 watts out. All operation is on 40 meters. My folks were in town and that limited my operation, but it was neat to work some of you.

vy 72 de NS80

Saturday Feb 6, 1999

1832 KF2EW

1832 W4EXX

1837 W8HP

1838 KE4LIA

1841 NA3V

1844 N4IU

1846 AA8EB

WQORP

</fontfamily>

Date: Mon, 8 Feb 1999 09:02:16 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [32443] Re: licensing requirements
Message-ID: <00bd01be536b\$a289d2a0\$8805010a@myetsko.insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think that this all boils down to is that some people feel that the exams in general are a 'final exam' and that it's a line that once crossed confers privlidges and rights.

On the other hand there are people that look at the exams and see them as an entry exam, and they continue to grow, do new things, and pick their own path for self-advancement and/or improvement, and not necessarily in any particular mode of operation.

I see the CW-forever people as making up a large portion of the first group, and the people who don't care, or publically feel that CW should not be a gating factor in the second.

We're not talking about eliminating CW and CW subbands here, we're talking about removing it as a gating factor, something people in BOTH groups tend to loose sight of.

Mike Yetsko
N1DVJ

>There have been a lot of threads about code/no code...they are making it
>too easy...
>Was it ever that difficult to get a license? It seems that when I checked
>the old license manuals that wasn't the case. The FCC only asked
>questions that seemed reasonable. The type of minimal info that you would
>need to know so as to operate within and bands and not interfering with
>other services. I got my license at 13 and my son got his when he was ten.
>It ain't rocket science :-)) It has been a lot of fun. It got us to
>experiment with electronics. I know that it lead to careers for others.
>What else can one ask of a hobby?
>
>
> 73,
>
> Jim N2go
>
>

Date: Mon, 8 Feb 1999 08:37:30 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: qrp-l@Lehigh.EDU
Subject: [32444] End of Morse Radio Show - Real Audio
Message-ID: <199902081437.IAA17531@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The NPR show with the program on the end of Maritime Morse is currently at:

<http://programs.npr.org/archives/totn/scifri.cfm>

I found the net connection very bad due to congestion. Fast forward past 26 minutes to get to the CW section.

Amazingly, they start the section by transmitting a distress call.

73 Bryan W8LN

Date: Mon, 8 Feb 1999 09:43:57 -0500 (EST)
From: William McFadden <wmcfadde@oucsace.cs.ohiou.edu>
To: qrp-1@Lehigh.EDU (qrp-1)
Cc: dmcdaniel1@ohiou.edu (Drew McDaniel), AA8EB@compuserve.com (Mike Hansgen)
Subject: [32445] Southeast Ohio Radio Adventure Team FYBO Report
Message-ID: <199902081443.JAA23892@oucsace.cs.ohiou.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Three members of the Southeast Ohio Radio Adventure Team operated the 1999 Freeze Your B___ Off (sponsored by the Arizona ScQRPions). Mike Hansgen, AA8EB; Drew McDaniel, W8MHV/9M2MC; and Eric McFadden, WD8RIF operated the event from the Kiwanis Shelter at the Athens County Fairgrounds in Athens, Ohio. Each operator used his own station and callsign.

As they the previous two years, the RATs wrapped the Kiwanis shelter in sheet plastic. Eric and Mike arrived about 8am to find grey overcast skies and a temperature in the mid-forties. The forecast called for a daytime high in the upper fifties, but there was enough breeze that Mike and Eric decided to put plastic on two of the sides of the shelter as a wind-break. (This was fortunate--it got quite gusty in the late afternoon. After installing the plastic, Eric threw string into two trees to suspend his 300-ohm ladderline-fed 70' doublet, only to discover that neither his MFJ-901B nor Mike's Emtech ZM-2 wouldn't tune it on any band but 40m. Eric dropped the ends to cut off about three feet of side, which allowed it to tune on 15, 40, and 80m but not on 20m. Mike then suspended a 20m dipole. Eric set up his "QRP Station in a Bag" and while he made his first QSOs (with a recorded temperature of 46 degrees) on 40m, Mike suspended a 15m delta loop.

Drew arrived about 10am and set up his recently QRP Plus station with new LDG QRP Auto-Tuner and DSP-9. Mike set up his Ten Tec

Scout, DSP-9, and new Super CMOS III keyer. When the sun eventually appeared, Eric set up his 10-watt solar panel to help maintain the charge of the 2.5Ah battery. Drew hung a 15m dipole--at waist height!--and demonstrated how easily the little LDG easily tuned it on several bands. After seeing Drew's LDG, Mike decided he has to have one.

Mike, Drew, and Eric swapped bands and antennas throughout the afternoon. As was expected, even on different bands and QRP power levels, the rigs interfered with each other. Very few FYBO signals were heard on 15m and few QSOs were made there. Twenty and forty meters were hot with FYBO signals--as well as with New Hampshire and Vermont QSO Party signals.

Eric prepared the gourmet lunch: canned beef stew, Conn's potato chips, and homemade oatmeal cookies baked by Eric's wife, Vickie.

By the time the team tore down at 5pm, the temperature inside the shelter rose to 61 degrees, while the outside temperature stayed a degree or two lower. The RATs shut down operations about 5pm so as to drop the antennas and remove the plastic from the shelter before dark.

Eric logged forty-two QSOs on 15, 20, and 40m, two of which were dupes. The majority of the QSOs were made on 40m. Mike made about twenty-five QSOs on the various bands. Drew made about twenty QSOs.

--

W. Eric McFadden WD8RIF Athens OH
wd8rif@qsl.net
<http://www.qsl.net/wd8rif>

Date: Mon, 8 Feb 1999 07:20:27 -0800
From: "Dennis B. Dolle" <dolledb@cet.com>
To: <qrp-1@lehigh.edu>
Subject: [32446] End-Fed Zepp Question
Message-ID: <005201be5376\$901cb780\$c75a60ce@dolledb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow Masochists,

Wondering if anyone out there using, or has used, the end-fed Zepp as a multiband antenna. My location lends itself very well to an end-fed arrangement. I have some open-wire feed line and an antenna tuner. Am thinking about snaking a piece of coax to the outside through the wall of the shack to a 4:1 balun, then the open wire line to the end of the wire antenna as described in the ARRL Antenna Book. What think gang?

Dennis, NX5W
Spokane, WA

Date: Mon, 8 Feb 1999 08:38:19 -0800
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [32447] Kits
Message-ID: <199902081526.IAA32112@srv.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am looking for either a kit or a kit already built for 40 meters cw with 1 to 5 watts output. Also a kidt for 40 meters cw &ssb with 1 to 5 watts output. Also is there a place where I can look up all the kits for QRP that are available Thamks and please e mail direct. Cal KF7ET
colcal@srv.net

Date: Mon, 8 Feb 1999 10:27:59 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [32448] WTB: OHR-500
Message-ID: <00eb01be5377\$9cb9f9c0\$89755acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking to buy an OHR-500. Thought someone might have bought one and now wants to try the K2 or another rig. Please email direct if you have one to sell.

Thanks
Tim

NZ8J

Date: Mon, 8 Feb 1999 09:29:01 -0600
From: applitech@mcg.net (Claton Cadmus)
To: "MNQRP-L" <mnqrp-l@qth.net>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [32449] FYBO MN QRP Society Report
Message-ID: <00ce01be5377\$ea8ee700\$a10a5e2c@groucho>

This year FYBO really got off on a rocky start. A couple weeks back I got email from Larry KB0R one of our best testers and the organizer of our club FYBO event that he was "stuck" in Madrid on business and wouldn't be back until after FYBO. He ask me if I'd do the organization. I thought to myself two thoughts "nice place to be stuck" and "OK, what do I do now!". So a flurry (note the use of the winter word) of emails when out on the MNQRP email list and the organizing started. I think at this point I should offer up my apologies to my fellow members as I think I over did it a little bit. But in hind sight I would have to say it's best to go a little to far then not quite enough. Up here in "God's country" you have to expect the unexpected, as there are many days you'd think the ownership had changed! February is traditionally the coldest month of the year. It's not uncommon to have a high temperature for the day well below zero with stiff bone freezing wind. So we had everything lined up for the worst weather to make the outdoor assault. Tent, tarp, winter tent stakes, lots of rope, kero-heater, and backup everything.

But in the last days the weather had been mild, so mild we thought it would cost us temp multipliers. Thursday before FYBO I went on the injured list with a bad right hand, so other then moral support I wasn't going to be much help. Saturday at 5am I got up to start the day, right hand still swollen. First I checked the temp, 21 F well looks like we'll miss that one. Off to pick up Mike N0DWM and meet the guys at MacDon's for breakfast. Last minute details got me out the door late, the BBQ grill tipped over in the van as I was driving, cough cough. So at Mike's we had a small mess to clean up. Finally arrived at breakfast about 6:30 and late. Jim N0UR, Bill N0BSN, Craig AA0ZZ were there waiting and wondering. A quick cup of coffee and muffin and we headed for the site. So far things weren't going to well from my perspective.

We
set up outside the Minnetonka Community Center, our regular meeting location. The first Saturday of the month is our meeting day so we try to make an all day event out of it. The weather report indicated a warm day with highs going to the mid thirties, little to no wind and warming through the night to a Sunday high close to 40. Doesn't look like it will dip below 20 degrees this evening either! Given the good weather, we

Minnesotans are a hearty bunch, we decided to dispense with the tent and set up along the south side of the building and let the sun shine on us. Turned out we had to put up a tarp so the operators/loggers could see the controls and computer screen. Another lesson learned. Setup started a bit slow but all went well and we made it on the air right at 8am. The setup crew did a great job. First Q was Ed WE6W, and not only that, the temperature had slipped a few degrees below 20! The day was now looking a lot better.

We used a 40-10m multiband vertical mounted to the patio railing and started with a TS-850. We switched to an FT-747 after the first hour or so as it was easier for unfamiliar operators to quickly understand and take over. Over the course of the day the station was manned by a operator/logging crew of ten members. I think everyone had a great time and we had extra people around the whole day to help out. The noon potluck lunch went well and was really good with Chili and Arizona Hot Sauce from last year keeping us very warm inside! About 6pm we started to talk about shutting down, we had done real good during the day, but we finally decided to go right to the 8pm end and squeeze the last few Q's out of 40 meters that we could. So it all ended at 8pm with the teardown crew chomping at the bit, we were all taken down and packed up by 8:30. Amazing.

Despite the rocky start and my over zealous organizing the team work really came together. I just want to thank all the MNQRP members that helped out. I also want to say a special thank you to one of our very special members. He's contributed more equipment, time and effort to our club events than many of our members even know. He'll also probably will be embarrassed by this because that's the kind of guy he is. Thank you Bill N0BSN, you deserve it.

So, now the results of our efforts. I'm afraid we didn't break last years score , we SHATTERED it!

187Q's x 38 S/P/C x 4 Field x 2 Alt x 6 Temp = 341,088 pts
(maybe Jim can keep his Cream of Mushroom Soup)

73 de KA0GKC Claton Cadmus

cla@mcg.net

MNQRP #1

Minnesota QRP'ers we're looking for you!

Email me or visit this page <http://www.qsl.net/mnqrp>

Date: Mon, 8 Feb 1999 11:36:40 -0500 (EST)

From: Chris Cartwright <ccart@dns.vidtel.com>
To: Jim NOUR <n0ur@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32450] Re: FYB0-SSSS
Message-ID: <Pine.LNX.3.93.990208113145.240A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 7 Feb 1999, Jim NOUR wrote:

> Soup- No totals yet, but I think my soup will be staying here.

Dang! 17 degrees! The MDmW (WQ3RP) were at 37 during setup,
and 39 in the last ten minutes, desperately looking for a QS0...

So, how many in your party sir? And will that be Manhattan
or New England style? :-)

I'll wait for Joe "the room clearer" Gervais, to post the totals before
any of these clams head west...

72

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Mon, 08 Feb 1999 10:41:16 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: kenwood@qth.net
Cc: qrp-1@lehigh.edu, larc-1@webtrek.com
Subject: [32451] TmV7a for sale
Message-ID: <3.0.5.32.19990208104116.0081f100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well just don't use this rig much. Have manuals, all mounting hardware,
original box and packing material, rig has never been mobile or in a
smoking environment, clean, ment condition, hardly used, and so \$350
includes shipping and insurance for total replacement value.
REasonable offers considered.

I would give some consideration to trade on a 2 meter only rig that has
direct key entry like the 241, 261, etc.
I'm not picky, but having the tone thingy that lets me access a repeater is

all I really need and of course the direct key entry ability.
So if your intrested or have other questions, please feel free to drop me a
note at whowell@mail.hq.nasa.gov

Also, I have two 16mb 72 pin edo sims that I'll let go for \$\$50 shipped or
best offer.

tnx es 73 de Scott/n3byy

Fists #5030

Date: Mon, 08 Feb 1999 10:57:29 -0500
From: "Joseph Street" <joseph.street@comdev.ca>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [32452] FYBO TNX
Message-ID: <36BF0969.48EF2A16@comdev.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who responded to my 900mW on the various bands and the
compliments I recieved. The funniest one was VE3CJ/m bicycle mobile,
now there's the spirit. I operated for 5 hours and made 30 contacts. I
am pleased with this as a first contest effort. I'm looking forward to
reading the battle stories of those who took to the field.

VE3VX0

Date: Mon, 8 Feb 1999 09:23:10 -0700
From: "Zoerb, Ron" <Zoerb.Ron@tci.com>
To: "Brown, Angie" <Brown.Angie@tci.com>, "Davidson, Kathleen"
<Davidson.Kathleen@tci.com>, "Flessner, Steve" <Flessner.Steve@tci.com>,
"Gookin, Nolan" <Gookin.Nolan@tci.com>, "Koehler, Rosemary"
<Koehler.Rosemary@tci.com>, "Lee, Michelle" <Lee.Michelle@tci.com>,
Cc: "Anderson, Mike R" <Anderson.Mike.R@tci.com>
Subject: [32453] UAG Status Meeting
Message-ID: <D1C278DC1C1FD111BBD200805FCCAA05CEDEDC@copland.tci.com>
MIME-Version: 1.0
Content-Type: text/plain

Third Monday of February is next week! So, February 15, 8:30 A.M., my
office at Park Place. Hope to see you here. Reports will be sent
Thursday.

Date: Mon, 08 Feb 1999 07:32:18 -0900
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: n4bp@bc.seflin.org, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [32454] Re: FYBO N4BP - and RIT need in SST
Message-ID: <36BF1192.68A38555@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

N4BP wrote:

> Anyone play with RIT for this rig? This nearly cost me some contacts on the edge of my bandpass. I'm reluctant to tune them to the center of the passband since they might not be able to hear me come back. Jim, FS - that's why I had such a tough time with you. Your signal was quite good, but outside my passband.

Bob,

I tried calling you on frequency but time after time I got no response. I was about to give up and I decided that if you were running a simple rig, you may not be able to hear me outside your passband. I had no way to know what the passband was so I used the XIT on the Kenwood TS-450S. I started at +300 hz, then +200, 100, 000, -100 and I think that is where you came back. Sorry you had to work so hard but I was just tickled to find your passband OR a tone that caught your attention.

Still, RIT, would be nice.

Jim

73, Jim Larsen, AL7FS -- Anchorage, Alaska
QRP-L #114, QRP-Z #020, AK QRP #003, NW QRP #009 IA QRP #016
(BP51cc)@61.1009636 North 149.8237915 West(approximately)
mailto:al7fs@qsl.net ICQ 11022915 => <http://www.mirabilis.com/>

Date: Mon, 08 Feb 1999 10:42:16 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: dolledb@cet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32455] Re: End-Fed Zepp Question
Message-ID: <36BF13E8.68E5A603@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Read what LB has to say on this on his W4RNL web pages.

72/73, George

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE #522 ARS 10-X 33.2 N 96.6 W EM13RE

"Dennis B. Dolle" wrote:

> Wondering if anyone out there using, or has used, the end-fed Zepp as a
> muliband antenna.

Date: Mon, 8 Feb 1999 07:54:50 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [32456] K2 field test construction news
Message-ID: <85256712.005D0195.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

I am almost done with the RF (final) board. Just have the transistors and the toroids left to do. I spent about 16 hours this weekend, working on the RF board. I am a very careful builder, and my caution and double-checking paid off. The rig came up with all calibrations in the center of their ranges during the first of the three intermediate test sequences that acknowledge your need to see the rig power up and play with it :-).

I did have one problem (turned out to be a shorted trace on the PCB, which looks like it might have been my fault...a scrape across three traces on the bottom of the board). The reason I mention this, is that within an hour, I had an email from Eric, which led me to the solution. We field testers are getting incredible support from the Elecraft guys.

A nice touch, is the heat-strippable magnet wire for the toroids. All it takes is a few seconds and a ball of solder on the end of an iron to strip and tin the toroid leads. The other nice touch, is the great drawings of the toroids in the manual, which help you to orient the leads correctly.

I can't tell you how many times I have wound them the wrong way, so they don't line up with the holes on the board!

Folks, this is a challenging kit. You need an excellent soldering iron, fine solder and good eyes. Some of the components are small. I have been using a 10x loupe to check my work. The quality of the whole kit is superb. If you have built the SST or the Forty-9er, you'll be fine. It's just a lot more components! I have about 25 hours into the kit so far.

A comment on the mechanical engineering. The fit on this kit is superb! Everything lines up perfectly!

The highlight of the weekend was when I connected the antenna for the first time, to adjust the 40m input filter. I had to switch the attenuator in, the signals were so loud!

I hope to be able to hunt the fox with the K2 on Tuesday night.

Sorry if this sounds like an ad for Elecraft, but I did spend a lot of money on this kit, and I feel the need to validate my expenditure :-). Seriously, I'm a fairly critical customer, and I really am impressed by the quality of this kit. I was willing to lower my standards, given that this is a field test of a prototype kit, but I am glad to report that, as I approach the end of the building phase, the overall quality of the kit and documentation exceeds my expectations.

72,
Peter, KA1AXY

Date: Mon, 08 Feb 1999 11:50:55 -0500
From: "David Hurley, n2zhy" <n2zhy@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [32457] Jersey Fireball 40
Message-ID: <36BF15EF.B472FCD8@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all those who listened for me last night on forty meters!
Didn't make a contact but Mike, af4lq, in Louisville, Kentucky actually
heard me!!!!!!!

Mike, a big TU. You really made my week!

WAY COOL!!

Mike also had his Fireball fired up but I was not able to pick him out
through all the noise up here. I alternated back and forth between a
forty meter loop and a g5rv antenna, receiver was my Alinco DX70th.

Has anyone proposed or picked a Jersey Fireball contact time? How about
before the foxhunts?

I will be on the Jersey Fireball, on 7.080, transmitting 1 hour before
the weekly foxhunts for a while. Please listen up for me and get those
Fireballs built! I want a Fireball/Fireball contact!!!!!!!

72
David,n2zhy
Princeton,NJ

Date: Mon, 08 Feb 1999 12:04:10 EST
From: Richard Rood <fcsww@juno.com>
To: radman@best.com
Cc: qrp-1@Lehigh.EDU
Subject: [32458] Re: Sending the @ Symbol in CW
Message-ID: <19990208.120340.4879.1.fcsww@juno.com>

On Sun, 7 Feb 1999 19:56:37 -0800 "Radman" <radman@best.com> writes:

>Karl et al,
>
>How to send the "@" sign? Good question !! Browser over
>to: "The Telegraph Lore" web page, then link to "The
>Codes"... you'll find one procedural answer. I'll be the
>first to admit it's the first time I've ever seen this ;)
>
>URL:
><http://www.concentric.net/~Gsraven/index.shtml#contents>
>URL: <http://www.concentric.net/~Gsraven/codes.html>
>
>"@" is sent as "dit dit (pause) dit dit" in the same way
>that "AND or &" is sent as "dit (pause) dit dit dit."
>
>My question to the list is: does anyone use this :-) ??

>
>72 - Conrad Weiss - NN6CW
>email: radman dit dit pause dit dit best (period) com

-----EDIT-----

Conrad,
I have long used "ii", and heard it used, as an
abbrev. (substitute) for "imi" (repeat): Not usually
on the amateur bands, but in maritime cw services.
I too did not realize that it was listed as meaning "@".
Very interesting and probably a hangover from
land lines as is "es" for &.
Incidentally, after all the news releases February
1st about "no more morse required aboard vessels",
I tuned from 8400Khz to 8700 Khz to see what
I could see. Following is a list of dots and dashes
still in business:

8437 4XZ Israel, military? If not idling,
sending coded text/numbers.
8444.4 KFS Half Moon Bay, CA, maritime
8448 A9M Bahrain?
8462 cw broadcast (Spanish?)
8496 CLA Cuba, maritime
8565 D3E51/61 ?, maritime
8566 ZSJ South Africa, maritime
8570 WNU43/WCC New Orleans
LA/Chatham MA, maritime
8573 CLA Cuba, maritime
8607 cw broadcast (european characters)
8618 KPH Bolinas, CA, maritime
8636 HLW Finland ?, maritime
8634 PPR Brasil, maritime
8646 LPD86 Argentina, maritime
8682.3 EAD2/EAD3 CG Spain, military
8685 IRM Italy "free radio medical service
& amver service on
8/12/16/22 mhz common k"
8688 ZSC Capetown, maritime
8698 7TF Algeria, maritime

Code practice anyone?

72, dick w2scf, snj

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 8 Feb 1999 10:58:41 -0600 (CST)
From: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
To: qrp-1@Lehigh.EDU
Subject: [32459] Sneaky NC20!
Message-ID: <199902081701.LAA18449@sunarch2.Central.Sun.COM>
MIME-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-MD5: RnBZx/KpzILev9msYjDbiw==

I'd been practicing "Zen restraint" all this week. Pulling in to the driveway, I'd resist the urge to crane my neck to peek through the bushes to see if the postman had left a nice box on the porch. I'd force myself to park the car, greet the family, and then casually stroll to the front door. I'd take a deep breath, and swing the front door open. Day after day--nothing. Sigh.

Friday I followed this routine, as I had all week. Again, nothing. Guess I'll have to clean out the garage this weekend... I went out to the mailbox to fetch the junk mail.

What's this? An Express Mail box *in the mailbox*?! I never guessed it would fit! Wow! It's here! The kids thought I was nuts. "It's here! It's here!"

My wife said, "Well, I guess we won't be seeing much of you for the next few nights." She knows me too well.

Thanks to Jim, Doug, Dave, Gary, Mike, Rev. George, Paul, Brad, Gary, Sheila, Dave, Jim, Lee, Jerry, Richard, and Caroline. And an extra-special thanks to Doug--not just for the kind words earlier this week, but for the countless hours he spent sorting and bagging. Once you start inventory, you'll shake your head at the idea of doing it ONE THOUSAND times. Geepers. Hats off to all.

Jeff Logullo, N0MII
jeff.logullo@sun.com -or- nomii@arrl.net

Date: Mon, 8 Feb 1999 12:06:48 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-1@lehigh.edu>, qrp-1@blacksheep.org,

towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com
Subject: [32460] Some new "old" stuff at the site
Message-ID: <Pine.GS0.3.96.990208120210.6904A-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added to the site about 7 new notes, but actually old material from AntenneX for those who do not have access to the on-line magazine (<http://www.antennex.com>). Some of the notes overlap those already in place (on 3-wire vertical arrays); others are reviews (the Moxon); but some may be of more general interest, such as the Series Matching piece covering Regier's work and its predecessor for non-reactive loads that match one of the two lines in the transition.

I hope something there is useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\		----	/\	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	/	/		(FAX) (423) 974-3509
37938-4443 USA	/	\	\				cebik@utk.edu
URL:	http://web.utk.edu/~cebik/radio.html						

Date: Mon, 8 Feb 1999 18:11:27 +0100
From: "Hans =?ISO-8859-1?Q?Sundstr=F6m"=? <hans.sundstrom@telia.com>
To: <qrp-1@Lehigh.EDU>
Subject: [32461] SG2020
Message-ID: <199902081711.SAA20075@d1o22.telia.com>

Hi all qrp:ers...

I m quite new to this list so I might be giving yesterdays comments once again. But still:

I bought a new SGC SG 2020 in december, and I thought I would share some thoughts with the rest of you.

I find the tranceiver quite irresistible. The size and the facilities included makes it a full grown rig in many respects.

Enjoy the continuosly variable passband, the split button, the continuosly variable output pwr, from 0,5 W to 25.

I have got very good signal reports, both on SSB and CW. The SSB quality

seems to be very good.

The internal keyer works good for my purposes, with easily changed speed.

Mostly operate it around 25 WPM.

I find it easy to use all the functions with one hand, the size of the transceiver makes it not only possible but easy.

Display big and clear. The S-meter is though a little bit too bright for my taste, disturbs me a bit. Compared to my other HF rigs the S-meter does not either show the right value, it appears to show a lower value than the others.

I have been doing quite a lot of DX-ing through the month. Abt 35 DXCC:s in a month without really trying too hard. Amongst them VE7, FM5, VP2M, JA of course W with GOOD reports, to mention a couple that comes to my mind, And for example TL5A in a good pile up, in second call. Mostly on 40 M, working 5 W.

What antenna I'm using? A simple GAP Titan mounted abt 17 meters up on metal roof.

If I like this rig? YES!

But even the sun has got spots...

I find the receiver quite sensitive when it comes to handling strong signals. You have to use the AF gain almost on full and reduce the RF gain to a minimum and the passband to a minimum to be able to use the receiver on a crowded 40 m. That means you can't use the S-meter and you reduce the sensitivity of the receiver and increase the LF noise. But it's the way you used to operate "in the old days" I remember...

The receiver also gives you quite a lot of distortion when you leave the RF gain on full, specially on receiving SSB signals. Sounds like it's overloading. And the signals don't have to be very strong for this to happen. Enoying. I get the impression that the AGC does not do everything quite right. But this is a very unscientific remark.

The noise blanker is something else that I think is questionable. I still haven't received ANY noise that the noise blanker has had any noticeable effect on.

The RIT memory is another thing. When you use the rit and switch back, the receiver stays in the rit frequency. If you have forgotten the original frequency (=TX frequency) you can't go back.

I have had more fun with this radio than I've had in years. I'm only disappointed I did not get the time to try it on the Campbell expedition, I had so little time to spend at the radio during the expedition so I had to stick to the main rig and KW linear to be certain of a couple of QSO:s (20, 30, 40 CW and 20 SSB...). Regret this a bit though...

Now - I would love to share the opinions with other SG 2020 users as well, especially the "overloading" and strong signal capabilities remark, hope that there are some of you on this list and that you have the time to reply...

I'll probably be back with more comments anyway...

73 s

Hans / SM4ATJ

Date: Mon, 08 Feb 1999 12:18:35 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@lehigh.edu
Subject: [32462] SOHO SPACECRAFT DETECTS SOURCE OF HIGH-SPEED SOLAR "WIND"
Message-ID: <3.0.5.32.19990208121835.00818270@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

this is a pretty informative piece.

72/73 de Scott/n3byy
FISTS #5030
Laurel MD

>RELEASE: 99-11

>

>SOHO SPACECRAFT DETECTS SOURCE OF HIGH-SPEED SOLAR "WIND"

>

> Solving a long-standing solar mystery, scientists have
>discovered the source of fountains of electrified gas that flow
>from the Sun like water gushing through cracks in a dam. Called
>the high-speed solar wind, this gas flows out at two million miles
>per hour from the edges of honeycomb-shaped patterns of magnetic
>fields at the surface of the Sun.

>

> American and European scientists detected the source using the
>NASA/European Space Agency's Solar and Heliospheric Observatory
>(SOHO) spacecraft. The nature and origin of the solar wind is one
>of the main mysteries SOHO was designed to solve.

>

> "The search for the source of the solar wind has been like the
>hunt for the source of the Nile," said Dr. Don Hassler of the
>Southwest Research Institute, Boulder, CO, lead author of the
>paper, published in the Feb. 5 issue of SCIENCE magazine. "For
>thirty years, scientists have observed high-speed solar wind coming
>from regions in the solar atmosphere with open magnetic-field
>lines, called coronal holes. However, only recently, with the
>observations from SOHO, have we been able to measure the detailed
>structure of this source region inside coronal holes."

>

> Scientists have long thought that the solar wind flows from
>coronal holes. What is new is the discovery that these flows are

>concentrated in specific patches at the edges of the honeycomb-
>shaped magnetic fields. Just below the surface of the Sun there
>are large convection cells, and each cell has a magnetic field
>associated with it.

>

> "If one thinks of these cells as paving stones in a patio,
>then the solar wind is breaking through like grass around the
>edges, concentrated in the corners where the paving stones
>meet," said Dr. Helen Mason, of the University of Cambridge,
>England, co-author of the paper. "However, at speeds starting at
>20,000 mph at the surface and accelerating to over two million mph,
>the solar wind 'grows' much faster than grass."

>

> The research will lead to better understanding of the high-
>speed solar wind, a stream of electrified gas that affects the
>Earth's space environment. The solar wind comes in two varieties:
>high speed and low speed. The low-speed solar wind moves at
>roughly a million miles per hour, while the high-speed wind is even
>faster, up to two million miles per hour.

>

> As it flows past Earth, the solar wind can cause dramatic
>changes in the shape and structure of the Earth's magnetic field,
>variations in which can affect satellites and disrupt
>communications and power systems on Earth.

>

> The Solar Ultraviolet Measurements of Emitted Radiation
>(SUMER) spectrometer instrument on SOHO detected the solar wind by
>observing the ultraviolet spectrum (a separation of light into its
>component colors, or wavelengths) over a large area of the solar
>north polar region. By analyzing light this way, astronomers learn
>a great deal about the object emitting the light, such as its
>temperature, chemical composition and motion.

>

> The hot gas in the solar-wind source region emits light at
>certain ultraviolet wavelengths. When the hot gas in the solar
>wind flows toward Earth, the wavelengths of the ultraviolet light
>emitted become shorter, a phenomenon called Doppler shift. This is
>similar to the way an ambulance siren appears to change tone as it
>speeds by. When the ambulance moves toward us, its sound is
>compressed to a shorter wavelength, resulting in a higher tone. As
>it moves away, its sound is stretched to a longer wavelength,
>resulting in a lower tone. Motion toward Earth, away from the
>solar surface, was detected as a shortening of the wavelength, and
>identified as the beginning of the solar wind.

>

> "The identification of the detailed structure of the source
>region of the fast solar wind is an important step in solving the
>solar wind acceleration problem. We can now focus our attention on

>the plasma (hot electrified gas) conditions and the dynamical
>processes seen in the corners of the magnetic field structures,"
>said Dr. Klaus Wilhelm of the Max-Planck-Institut fuer Aeronomie in
>Lindau, Germany, also co-author of the SCIENCE paper.

>

> SOHO operates at a special vantage point about one million
>miles out in space between the Sun and Earth. SOHO, launched in
>1995, is a project of international collaboration between the
>European Space Agency and NASA, and is operated from NASA's Goddard
>Space Flight Center in Greenbelt, MD.

>

> - end -

>

>NOTE TO EDITORS: an image to support this story is available on the
>Internet at:

>

> FTP://PAO.GSFC.NASA.GOV/newsmedia/SOHO/SW

>

> * * *

>

>NASA press releases and other information are available automatically
>by sending an Internet electronic mail message to domo@hq.nasa.gov.
>In the body of the message (not the subject line) users should type
>the words "subscribe press-release" (no quotes). The system will
>reply with a confirmation via E-mail of each subscription. A second
>automatic message will include additional information on the service.
>NASA releases also are available via CompuServe using the command
>GO NASA. To unsubscribe from this mailing list, address an E-mail
>message to domo@hq.nasa.gov, leave the subject blank, and type only
>"unsubscribe press-release" (no quotes) in the body of the message.

>

>

>

>

Date: Mon, 8 Feb 1999 11:52:48 -0600

From: Clifton W Sikes <ab5uacw@juno.com>

To: qrp-1@Lehigh.EDU

Subject: [32463] FYBO: At 62 deg. ?

Message-ID: <19990208.115249.6734.0.ab5uacw@juno.com>

No ice weasels in Oklahoma! I got up at 7am, to 62 muggy degrees. The wx man says 80% chance of rain and thunderstorms. When I walked out the door, it was very rainy looking. My normal operating position is down by the fish pond, about a 1/4 mile stroll, but this looks like a chance to try plan B. Plan B is to operate from the hay barn, with the doors open,

and get the full blast of arctic air.

Well, first I needed to feed the critters (we live in the country). No problem, I'll feed the horse, donkey and goat, and they will be out of my hair. WRONG!

You see, critters are very curious. When they saw me head for the barn, they thought hey, let's check it out. I made myself a table out of two hay bales, ran a cable accross the doors, and set up shop. Next was to set up the Black Widow

20m wire vertical. Now this is where the critters got real curious. The goat tried to eat the feed line, and the horse and donkey both bot tangled in radials and guys. I said lots of not nice things, and finally chased the big ones away. The goat saw the open barn doors, and just had to check out the set up. In he goes,

over the hay bale table, around the barn, and back to nibble my NorCal mini

log. This is going to be fun. I know, I'll blame it all on Joe. My wife will never miss the goat.

Well, I got the goat out, started operating, and had a ball. The rains came, and by 3pm we had a full blown thunderboomer. It was time to call it a day. I ended up working two more stations than last year, and had more fun than you can shake a stick at. Thanks Joe!! You sure know how to throw a party!!!!!!!!!!!!!!!!!!!!!!!!!!!!

72, Clif

Clifton Sikes AB5UA QRP-L #478
Earlsboro, Ok.
ab5uacw@juno.com

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 8 Feb 1999 12:00:51 -0600 (CST)
From: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
To: nodule01@mail.coin.missouri.edu, qrp-l@Lehigh.EDU
Subject: [32464] Re: SST es Rayovac Renewals...
Message-ID: <199902081803.MAA19830@sunarch2.Central.Sun.COM>
MIME-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-MD5: kzZc7BFdCFmZa+PQhLazhA==

> Has anyone had any experience running their SST (or comparable rig) from
> Rayovac Renewal rechargeable alkalines?

Back when they first came out, I called Rayovac and ended up talking to an engineer--a great guy.

One thing he made quite clear: the duty cycle (what is it, 15 charges?) claimed on the package is a compromise claim. He said that if you charge often and don't discharge very low, they'll last a *long* time. He said it was the Marketing Department that made 'em say 15 charges.

He had a lady call who had been using two sets of AAs in her Walkman during a commute to/from work. Every night, she swapped cells. The two sets had lasted for a YEAR and she was afraid she'd burn her house down!

I use two sets in a bedside SW radio; been using them for well over a year now...

OTOH, if you're in the field and running every last drop from them, they might not be a good long-term source. But if your duration of use is relatively low, they're nifty.

Date: Mon, 8 Feb 1999 13:27:05 -0500
From: wgabriel@dukeengineering.com
To: qrp-1@Lehigh.EDU
Subject: [32465] Capacitor S2L Temp Coef Question
Message-ID: <85256712.00655B53.00@dpinet01.dukepower.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Could someone please tell me what the S2L EIA designator means for capacitor temperature tolerance? I know that NP0 and C0G are equivalents, but where does S2L fit in the picture? I also have seen this listed in a catalog as "SL" -- am wondering if this is a boo-boo as I thought there always was a number in the middle of the EIA designators.

Thanks -- Watson/WB4EXW

Date: Mon, 08 Feb 1999 12:31:55 -0600
From: Wes Spence <ac5k@ih2000.net>
To: qrp-l@Lehigh.EDU
Subject: [32466] SPRAT 97 / Ten Tec PTO
Message-ID: <36BF2D9A.1425@ih2000.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRPers:

I heard that the latest issue of SPRAT (#97) has an article on the problem with the Ten Tec PTOs. (Corsair, Argosy... series rigs). I am needing to rebuild my PTO (again) and I am wondering if the article has any 'breakthrough' information in it. (i.e. a fix for the problem, not a cure for the symptoms). Any help would be appreciated, please reply direct to keep list noise levels down, and yes I do have the stainless steel raceways in my PTOs now. That did help, but I am still wanting something better. TIA

Wes Spence, AC5K

Date: Mon, 08 Feb 1999 13:47:52 -0500
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [32467] FYBO
Message-ID: <s6beeb1f.089@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Greetings from Va,

I think I have recovered from my week trip in the Southwest. Many =
thanks to Jay, WA5WHN, Gary, W5BI, Ben, KD5DCN, Bob, KI7MN, and Roger, =
N7KT. Hats off to both NM and AZ Hams for their hospitality. It was great =
meeting Joe, AB7TT also. While the Q index was low, the FUN index was =
high!! It felt great being a 5/7 lander for a few days. We had all we =
could ask for, cold weather and good company, even made a few contacts. =
Hope to have a picture or two for Bob to share. Where ever I happen to =
be, FYBO is on the calendar for next year, maybe I can find a 60 ft. =
Pinetree in the Blue Ridge Mtns!

72,73,
John H. W4IM QRP-L #1691
Stafford, Va.

Date: Mon, 08 Feb 1999 10:52:33 -0800
From: Danh Le <dle@san-jose.tt.slb.com>
To: n3at@epix.net
Cc: qrp-l@lehigh.edu
Subject: [32468] Re: 10 TURN POT FOR NC 20
Message-ID: <199902081852.KAA06940@iris.san-jose.tt.slb.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:09 PM 2/6/99 -0500, you wrote:

>I bought one of the 10 turn pots in a "group" buy. The one I received
>was made in Mexico, and I'm not sure if I can make it fit the board.
>There are some small holes next to where this pot would be located, but
>I don't see any parts - except for one lonely resistor next to this
>area. It seems that it would be almost impossible to put the 10 turn pot
>in the space provided for it, without jeopardizing spaces on either
>side where other parts should go. Does the recommended Mouser 10 turn
>pot come from Mexico, or is this one that I have not suitable? Any info
>or suggestions would be much appreciated.
>
>72 de Lamar, N3AT

Hi Lamar,

The one I use is a BOURNS (I believe the model is 3541) Mine fits perfectly within the space provided on the board. It is also made in Mexico. I don't know how much this pot cost since I pulled a couple of them off a box I found at a local swap meet a while back.

Here is a few tricks I found while installing the 10 turn pot onto the NC20:

- You probably will need to enlarge the hole on the front panel so that the threaded portion of the pot can go through the hole. A reamer works really well. Just enlarge the hole slowly until it fits.

- You need to cut off 3/16" off the 10 turn pot shaft so that the VFO does not protrude too far away from the front panel. I found that a Dremel with a metal cutting disk works beautifully (be sure to use safety goggle!!!) The Dremel does not exert a lot of force which could damage the pot's bearing (bushing???)

- To make the VFO nob flush against the front panel neatly (like the volume, and RIT control), you probably need to grind a 1/2" hole wide, 1/8" to 3/16" deep on the back the VFO nob itself. There is a 1/2" grinding stone included with the Dremel kit. Just install this tool and slowly grind away the excess plastic, and brass the nob flush nicely to the front panel.

- I also found that a large rubber band (# 64) is very helpful in holding the front panel, the main board and the rear panel together while you are aligning all the front panel controls prior to soldering.

- When you ready to a solder the front panel controls, put top cover on, loosely tighten the 4 screws, then flip the box over and solder the controls. This step will ensure that the front panel, rear panel, and to cover are aligned.

72 es hope this helps

Dan, ke6d

=====
Danh Le, KE6D, Milpitas CA ke6d@w6yx.ampr.org

Date: Mon, 8 Feb 1999 14:02:23 EST
From: DYARNES@aol.com
To: wager@juno.com, qrp-1@lehigh.edu
Subject: [32469] Re: NorCal Kits mailed.
Message-ID: <556bc650.36bf34bf@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Cates wrote:

Excluding errors of omission, heaven forbid, the NorCal 20 kits were all in the mail Friday Afternoon, 2/5/99.

=====
Hi Jim,

Another outstanding job from the "dynamic duo" at NorCal!! You guys are absolutely amazing, and I can't thank both of you enough for all you do for all the rest of us. It's one great project after another.

While I am at it, I must also express my appreciation to the project designer, Dave Fifield, and his many assistants (all of whom contributed enormously to the project) as he states in his acknowledgements in the manual. A "zillion" hours were devoted to this project, but I know we will get many, many times

that in enjoyment from the finished products.

An absolutely super job.

72 de Dave W7AQK

Date: Mon, 08 Feb 1999 13:22:39 -0600
From: "Phillips Richard" <phillips@msoe.edu>
To: dolledb@cet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32470] Re: End-Fed Zepp Question
Message-ID: <36BF397F.A286EF68@msoe.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The problem is, you will have to put the tuner between the coax and open-wire feed line. Polomar sells a balun that you can use with and end fed zep. I don't have any experience with it, just saw it in the catalog.

73 Rich

Dennis B. Dolle wrote:

>
> Fellow Masochists,
>
> Wondering if anyone out there using, or has used, the end-fed Zepp as a
> muliband antenna. My location lends itself very well to an end-fed
> arrangement. I have some open-wire feed line and an antenna tuner. Am
> thinking about snaking a piece of coax to the outside through the wall of
> the shack to a 4:1 balun, then the open wire line to the end of the wire
> antenna as described in the ARRL Antenna Book. What think gang?
>
> Dennis, NX5W
> Spokane, WA

Date: Mon, 08 Feb 1999 14:30:52 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [32471] memory sold
Message-ID: <3.0.5.32.19990208143052.00828100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

ram sold qk.

tnx es 72 de Scott/n3byy
FISTS #5030

Date: Mon, 8 Feb 1999 11:40:00 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [32472] NC20 and missing parts
Message-ID: <01be539a\$d103aaa0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, the missing parts procedure is working, really, really well. Thank you so much for your cooperation. So far, I have mailed 30 packages containing missing parts to those requesting them. Each package cost about \$1 to mail by the time you pay the postage and buy the padded envelopes and the tape. All parts are mailed in a padded envelope to help insure that they arrive in good shape. Here is my procedure for handling the missing parts. When I get the email, I print it out. Then when I get home, I pull the parts, tape them to a card, put in the envelope and stamp with the NorCal QRP return address stamp that Jim Cates gave me 6 years ago. What a great present that was. I then seal the package and tape over the seal. Next, I cut out the address from the email message that I have printed out, and tape it to the padded envelope. That way I don't have to write it out, and you won't believe the amount of time it saves. Put the envelope in the box and take it to the post office the next day where I mail it. Interesting thing. The envelope weighs less than 1 ounce, but they charge me oversize rate because it "barely" fits through the measuring device. Someone in the post office returned several crystal orders one time (they are mailed in the same type envelope) and it delayed the orders by about 3 days. Since that time I have bitten the bullet and paid the extra 11 cents for oversize. Anyway, here is the procedure if you have missing parts.

1. Send an email to me that has NC20 Parts in the subject line. List the parts that you are missing by value and number that you are missing, i.e.

2 pushbutton switches
3 47K resistors
1 6.2 K resistor

2. Be sure that you type your mailing address in the following format with

at least 1 space before and after the address.

Doug Hendricks
862 Frank Ave.
Dos Palos, CA 93620

I will cut out the address and use it for a mailing label.

3. Wait patiently by the mailbox.

By the way, I talked with Eric at the meeting Sunday. He made me feel a lot better. He left a couple of parts out of the 1st round of the K2 and had to send it to 100 people. I haven't done that yet, but when you consider that I kit 25 at a time, if I miss one bin, I will make the same mistake 25 times, and I get to correct it 25 times.

Remember that you need to inventory the kit now, not in 6 months. We have the parts now, but may not in 6 months. Please help me out here. Thanks,
Doug, KI6DS

Date: Mon, 08 Feb 1999 14:32:30 -0500
From: "Joseph Street" <joseph.street@comdev.ca>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [32473] rayovac renewable alkalines
Message-ID: <36BF3BCE.10C62BE8@comdev.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Further to the previous posting;

Does anybody know anything about recharging the renewable alkalines using other than thier proprietary charger? I think the alkalines would look swell in a backpack alongside my 30-40 and a solar panel but I think they need some special charging cycle and I'm not sure if the solar panel would harm them.

If anyone can elaborate then don't hesitate to illuminate!

VX0

Date: Mon, 8 Feb 1999 10:53:42 -0800
From: Mary Barnes <mbarnes@islandnet.com>
To: qrp-l@Lehigh.EDU
Subject: [32474] Still missing Fall issue of QRPp in Canada
Message-ID: <103130300b2e4d2ed8c8e@[139.142.113.104]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello everyone --

About a month ago Doug responded to a question about why the Fall issue of QRPp was late in getting to Canadian subscribers. Something about mislaid labels. However, I still have not received it, and the Winter issue has gone to NA5N for printing, so I assume I'm just one of the unlucky ones (the only one?? -- I hope not--I'm already paranoid enough).

I know that Jim, WA6ER, has my correct address, but in the shift to shipping from NM there may have been a problem. I hope not.

If worse comes to worst, I can buy the issue from NA5N, but I would like to get it straightened out before the Winter issue ships. I don't want to bug either Doug or Jim, as they have too much on their plates already. So, if there are any other Canadians who have not yet received theirs, please e-mail me and let me know.

Bill

William Barnes VE7MEW <mbarnes@islandnet.com>
E-349 Foul Bay Road, Victoria, BC V8S 4G6 Canada

Date: Mon, 08 Feb 1999 20:10:21 -0800
From: dave.g@dja@psilink.co.uk (David J. Ackrill)
To: qrp-l@lehigh.edu
Cc: qrp-canada@lists.gpfn.sk.ca
Subject: [32475] UK Fox Report
Message-ID: <E109wx3-0005Bd-00@relay3.mail.uk.psi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, I guessed that the first evening would be quiet, and it didn't dissappoint me. :o)

Called CQ Foxhunt and CQ QRP Foxhunt on 7.033MHz between 19:30 and 20:00 UTC, as arranged, and worked no one.

Mind you, the band was S9 of noise, what with the Digital stations a few kHz further up. So, I guess that conditions were not ideal.

I thought I heard a DL station and a G3 station calling, but they turned out to be having QSOs a little further up and down the band. I even copied SP9BDV working a G station.

Ah well, maybe another time. Perhaps a different band next time. I am wondering if I might have more luck on 80M next Monday? Anyone interested out there? Any suggestions for a different band to use instead?

Cheers de Dave (G0DJA)

Date: Mon, 08 Feb 1999 15:15:07 -0500
From: olyellr@iglou.com
To: n2zhy@amsat.org, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [32476] Re: Jersey Fireball 40
Message-ID: <3.0.5.32.19990208151507.00841a70@pop.iglou.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:50 AM 2/8/99 -0500, David Hurley, n2zhy wrote:
>Thanks to all those who listened for me last night on forty meters!
>Didn't make a contact but Mike, af4lq, in Louisville, Kentucky actually
>heard me!!!!!!!
>
>Mike, a big TU. You really made my week!
>
>WAY COOL!!
>
>Mike also had his Fireball fired up (cut)
>
>72
>David,n2zhy
>Princeton,NJ
>
>

Dave,

Was my pleasure, indeed. I only wished we could have worked, but maybe next time. I'll sure be listening for you again.

I heard your call at 0300 and went back to you at 40mW's to match your

power, and I apologize for not increasing it so as to at least give you the on-air confirmation. I was trying to keep a level playing field I guess, but now realize I should have done my best to let you know I was there and heard you. My regrets and apology.

Lost you after that anyway though. I stayed with it 'til 0400 hoping to pull you out again, but evidently cndx's changed and added to that was a loud carrier/heterodyne from something and some other noise. Heard two C02's just below us and a ragchew just above us, but that wasn't a problem.

I wasn't running a Fireball, but an OHR500. Again, could and should have increased power, but when I read your post I figured I'd try to match your 40mW's.

Still, was a treat to hear you in there, and I'll sure give a shot again.

Best 'o' luck es 72,
Mike

```
=====
de AF4LQ           |
FISTS #4139        | 99% CW OP          |
ARCI #9870         | ARCI 1000 miles per watt/15mtrs |
QRP-L #1395        | http://members.iglou.com/olyellr/ |
=====
```

Date: Mon, 8 Feb 1999 13:31:15 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [32477] FYBO de AB7TT (Long)
Message-ID: <199902082031.NAA27023@usr01.primenet.com>

Howdy Folks,

Well that was fun! A few misadventures along the way, but heck it's the spice of life. 'Course at this rate my life is somewhere up there with Kung Pao Chicken. :-)

First off, on behalf of the AZ ScQRPions I'd like to thank everyone who got on the air and joined in the fun! If it weren't for you folks, FYBO would be nothing more than a few ScQRPions trying to work each other via graundwave and NVIS. :-) Very nice to work old friends and folks new to QRP contesting too!

My pledge is to have the final FYBO results sent to

QRP-L exactly one week after the deadline for logs, and all prizes sent out the following week. (Bought the AZ Gunslinger hot sauce early this time. ;-)) Hold me to it!

Had a frantic week taking care of details, but by Friday morning the QRP-mobile was loaded up with radio and snow camping gear, and I headed for the White Mountains of eastern AZ, in search of that coveted "Below 20F" multi. This time I'd be camping overnight at 9,200 ft, so some serious FYBO was guaranteed. ;-) No more 20.0F dissatisfaction like last year!

Arrived at the chosen area around 3PM, plenty of time to set up basecamp and string the antennas. Was very happy to see SNOW! Been a miserably dry winter here, but a recent storm had dumped several inches on the pass, and more was on the way that night. Great dry fluffy stuff too. It was like snowshoeing in clouds!

Found a nice spot on a hill, overlooking the surrounding plateau. Very nice views to the east, north and west. Tent went up fast, unloaded all my gear, then put the antenna up. Folks, I've gotta tell ya, from now on it's a 1/2-wave end-fed wire for me! Went up very fast and easy, and worked great on both 40/20m with my ZM-2 tuner. Minimum hassle, maximum fun!

Made some munchies, stretched out, and watched the snow fall. Nothing is more serene than being alone out in the snowy wilderness, no sound but the wind in the trees and the occasional raven's cry.

Nothing wrong with a little CW to fill the silence though. ;-) Fired up the Sierra to check operations, and immediately heard "...DE AB5UA K". Hey! Gotta bug Clif! Sent off my callsign and he came right back. Well, not quite. Turns out that Steve NOTU/M and Clif were in the middle of a chat and I had just I butted in, so it was Steve who came right back. Luckily they didn't mind, and the first FYBO Net was operational. ;-) They had nice sigs on the 40m 1/2-wave. Tomorrow would be a great day, and indeed I worked both of them again in FYBO.

My mind and fist were still a bit addled from the altitude and cold, so I wished them well and signed

off. The temperature was dropping fast as night fell, and I knew the 7-AHr gel cell would die a silent death overnight if I didn't keep it warm, so into the sleeping bag it came. Hardly the most comfortable bedmate, but desperate times call for desperate measures. (This was a philosophy that would become painfully clear the following morning....)

Pre-dawn, 6:30AM. 30 minutes to FYBO. It's deliciously cold. Not quite Gnome AK cold, but enough to bring a smile to my face. :-) I shine a flashlight on the thermometer and am thrilled to see 17F. WAHOO! Reluctantly I crawl out of my sleeping bag and check the station. The case on the Sierra is so cold it almost hurts to touch it, but the battery is warm and toasty. I wrap the sleeping bag around it to keep the electrolytes flowing, and watch the clock.

7:00AM - FYBO TIME! I fire up the Sierra, find a clear freq near 7.040 and start sending "Whuuuuup wh-whuup whuup..." NO!!! Quick mental check! Battery voltage is good, antenna looks good, the rig must be too cold! ARGH! The temperature is now 18F and rising! Gotta get this thing on the air! Desperate times, desperate measures. I shove the Sierra down my pants. The calm, silent pre-dawn wilderness is pierced by the scream of a QRPer making the ultimate sacrifice.

7:13AM - The rig is warmed up, though the operator may have suffered permanent damage. I'm on the air and my first QSO is partner-in-crime Randy K7TQ (ex-AB7TK). The x6 multi will be mine! I shine the flashlight on the thermometer and see.... 20.2F.... AAIIIIIIIIIIIIIIIIIIII! The Gervais FYBO Curse is back! And so the rest of my day would go.

Worked two more FYBO ops and then my signal became unstable again. Now the battery was too cold! Having quickly decided the pants were NO LONGER an option, I cuddled the battery and rig like some sort of bizarre oversized penguin huddling with its chick. Slowly, painfully the station came back to life.

Worked a few more FYBO ops, plus W6XF/QRP who didn't know about the contest but was nice to chat with. :) Decided it was time for breakfast. The sunrise over the plateau was simply amazing. Breakfast with a view, and I had the finest seat in the house.

Fired up the station again and worked two more, but something wasn't right. Warmed the battery and rig up again, but it didn't help. Alas, the extended cold had taken its toll on the battery. There simply wasn't enough juice left to keep the heavily modified 5W Sierra happy. Argh! Never head to the field without a backup, though. SST-20 to the rescue! Sure enough, the little stock SST worked fine on what little juice the battery had to offer. That meant only 20m at 1-2 watts for the rest of FYBO though.

It was an incredible day. The sun shining bright, the air cold and crisp, the snow dry and powdery. I took breaks to romp around with my snowshoes, warm myself up and have a little snow fun. Regular doses of hot cafe' mocha were on the day's menu as well. Here and there a snowboarder or three would pass by to surf the hill, or a family would arrive to do some snow romping themselves. Only way it could have been better is if my own family could've come along.

One thing I noticed was that it's much harder to call CQ and hold a freq with a 1-2W SST. :-) But still managed to knock out an extra 37 Q's with the tiny, battery-sipping beast.

Coldest ops I worked were mostly within +/- 1 degree of my temp - N0TU (22F to my 21F), the MN QRP Crew of WQ0RP (26F to my 27F), KF8BD (34F to my 33F) and KK6MC/5 (33F to my 26F). Worked and heard a lot of FYBO ops I hadn't heard in QRP contests before - nice! Hope we got you hooked! :-)

No sign of Jim AL7FS, Keeper of the Chocolate Wild Berries. Nuts! But heard at least two QRPers calling "CQ AK" and "CQ AL7FS". Guess I wasn't the only one who really wanted those berries! *8-)

Ops I worked who were at 1W or less were N0TU, K5F0, N6WG, KB6FPW, and KU7Y (all the way down at 200mW!). Only two east coast stations I could track down were W1VT in CT and Chris (running WQ3RP) in MD. Heard NN1G searching and pouncing once, but couldn't cast my lure for a bite.

Another fun, relaxed FYBO. Nice to sit back, feeling no stress or pressure, and just operate casually. Ended

up with 47 QSO's, each of them fun, though some more challenging than others. :-)

As evening approached, I started packing up the camp. One night on the mountain was enough, particularly since Roger (N7KT) had offered some floor space to me at Chez Hightower with the rest of the AZ/NM Pinetop crew. A heated home sounded great! :-) (Thanks again Roger!)

Spent a fun evening with Roger, Bob (KI7MN), the NM crew of Jay (WA5WHN), Gary (W5BI), and Ben (KD5DCN), and the far-flung John (W4IM) all the way out from VA! Talk about taking a wrong turn at Albuquerque. *8-)

We yacked long and late, wolfing down some really tasty tamales and other munchies. Next time I promise to make margaritas. :)

Morning came too soon. The NM/VA gang had to leave by 7AM to get John to the airport, and I had to catch a ski sale back in Phoenix (good backcountry nordic skis/boot/binding/poles for \$240!), and Roger and Bob were probably looking forward to some warm Valley sun. :)

All in all, a great time. Thanks again to everyone for your support! For me, the best part about FYBO is hearing folks having fun and getting on the air. That's what it's all about. We only get one ride on this planet, so may as well make it an "E-Ticket". *8-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 8 Feb 1999 15:34:39 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: <jeffj@scott.net>
Subject: [32478] RE: Antenna Question
Message-ID: <002401be53a2\$737e0a80\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;

charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Jeff... one or two comments: 1) An outdoor antenna is going to beat an indoor antenna, almost no matter what;

2) That said, if by "covertly run" you mean through the trees, I would suggest that loops seem (to me) to be much less affected by tree proximity-if you possibly can do a horizontal one;

3) Remember, patterns vary, depending on the antenna type, and its height & orientation. A regular dipole run N / S typically radiates in an E/W direction. So, for best signal to NE US and Europe and SW to Australia/etc. a dipole should be run NW/SE. IF you had to choose between N/S or E/W I would run it E/W and try and get each end as close to the NW/SE as possible.

4) The pattern for a LW is another ballgame entirely. They tend to radiate off the end, depending on the length/band. You should look at some antenna books, ARRL Handbook, etc. and see what they say about length/band vs height vs directivity for the length you can manage.

What I would DO is go ahead and do the attic dipole anyway, orienting it as close to NW/SE as possible, but not losing any sleep over it; THEN put up the outside antenna in whatever configuration you can, and see which one you like best. It may be that-due to specific orientation conditions, the LW just won't be "hot" towards those places you want most... but may still get you some excellent QSOs in other directions. A full wave horizontal loop in the trees is just about as easily concealed, but will be useful in more than one direction-and will be-I believe less troubled when it is up against tree trunks, limbs and the like (you DO want to use insulated wire though!).

Let me if there's any way I can help.

72 / 73 Ed N4XY

Ed Tanton N4XY EMAIL: n4xy@mindspring.com
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

~~~~~  
"Think you can, think you can't:  
either way you're right!" Henry Ford  
~~~~~

Date: Mon, 8 Feb 1999 15:50:39 -0500 (EST)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: qrp-l@lehigh.edu
Subject: [32479] QRP on the boatanchor Classic Exchange
Message-ID: <Pine.OSF.3.93.990208153841.19921A-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yesterday I got to combine a couple ham radio loves, qrp and tube equipment. Tried to get a couple things from Heath going after their hiatus from last winter's cool shack days.

True, I used SSB, but I like to do it sometimes. Anyhow, had a great qso with a fellow with the great radio name of "Edison". He was on a snowed-in mountaintop in East Washington state. But what was fun about his 6 watts is that he is totally solar powered at the qth, and he runs the less than optimal TS-520 (6146 and 12BY7 tubes in the final!). He has to remember to turn the 'heaters' off (there is a switch) when listening, and then cannot be too 'old buzzard' on the transmission or the voltage drops and the stuff shuts down until the batteries re-float some volts.

A dipole at 3600 feet works great on qrp I can say from hearing it.

Anyhow, good contact - always qrp on his end - though why still the tubes I don't know....

Only problem I had was, when discussing his 'backwoods solar system' I kept (inadvertantly) saying 'backwards.' Ooops, sorry OM.

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada
ARCI #8773 - NORCAL ZOMBIE

Date: Mon, 8 Feb 1999 12:54:47 -0800
From: William Phinizy <wphinizy@connect3.com>
To: "'QRP-L List Server'" <qrp-l@lehigh.edu>
Subject: [32480] Dan's NW80/20 Kits..
Message-ID: <01E700B492CBD1118441006097B68072127039@LONGBEACH_EXCH>
MIME-Version: 1.0
Content-Type: text/plain

Does anyone have any experience with/recommendations/comments about the NW80/20 kit that Dan's Small Parts is offering for \$49.95?

It's supposed to be single band, 50 KHz coverage, RIT, speaker audio, etc. Any good? Mind you, I am not expecting an Elecraft or anything like that..

..thanks in advance.

Date: Mon, 8 Feb 1999 16:12:42 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-1@lehigh.edu>
Subject: [32481] FS: Ten Tec Paragon
Message-ID: <01bf01be53a7\$c4a2ccc0\$89755acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FS: Excellent Condition Late Serial Number Paragon (04B10391)

- Optional 1.8 SSB Filter
- Optional 500, 250 hz CW Filters
- Optional FM Board
- Optional RS-232 Board
- Ghie1 Chip (also have stock chip)
- Looks and works excellent, non-smoker
- All documention

\$1100 + shipping

Do not want to sell options separately

Please email direct if interested..

Thanks

Tim

NZ8J

Date: Mon, 08 Feb 1999 13:35:17 -0800
From: Jim Lowman <jmllowman@ix.netcom.com>

To: qrp-1@lehigh.edu
Subject: [32482] Fwd: Re: Horowitz & Hill Book on Sale at B&N (and....)
Message-ID: <4.1.19990208133503.009888a0@popd.netcruiser>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Mon, 08 Feb 1999 13:29:52 -0800
>To: radman@best.com
>From: Jim Lowman <jmlowman@ix.netcom.com>
>Subject: Re: Horowitz & Hill Book on Sale at B&N (and....)
>
>At 07:39 PM 2/6/99 -0800, you wrote:
>
>>Yep, this book is *brilliant* and that's an excellent
>>price! You may also want to pick up: "Student Manual for
>>the Art of Electronics" by Paul Horowitz, T. Hayes
>>(Contributor), Paperback - 614 pages (September 1989),
>>Cambridge Univ Pr (Pap Txt); ISBN: 0521377099
>>amazon.com price: \$ 29.95. It's available online at URL:
>>amazon.com
>
>Thanks, Jim and Conrad, for the tip. I just ordered a copy.
>From what I understand from members of this list, this book
>is a must for every QRPer's library.
>
>BTW, both B&N and Amazon sell the student manual for the
>same price.
>
>The person taking the order said 5-10 days, but the website
>says that the book normally ships within 24 hours.
>
>BTW, if you want to order a copy, guess you'll need to call
>the toll-free number. The book was not listed as being on sale
>on the B&N website.
>
>72 de Jim - AD6CW
>
>

Date: Mon, 8 Feb 1999 16:03:14 -0600
From: "Nathan Odle" <nodle01@mail.coin.missouri.edu>
To: <vole@primenet.com>, <qrp-1@lehigh.edu>
Subject: [32483] RE: FYBO de AB7TT (Long)
Message-ID: <000001be53ae\$d4f08520\$8dc9ce80@nathan.missouri.edu>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Here's an idea for next year guys (this might have helped you out Joe!):

How about taking along some of those shake-em-up hand warmers along, and strapping them around your rig and/or battery. You could even sew up some elastic pockets to go around the rig and battery, that you could slip the warmers into when the going gets cold... Paintballers do it with their CO2 tanks, why not do the same with a thermally-challenged QRP rig? Would probably beat stuffing your pants with an Sierracicle ;)

Just an idea...

73,
Nathan
KB0NNV

Date: Mon, 8 Feb 1999 15:25:24 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: nodle01@mail.coin.missouri.edu (Nathan Odle)
Cc: qrp-l@lehigh.edu
Subject: [32484] Re: FYBO de AB7TT (Long)
Message-ID: <199902082225.PAA19905@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy Nathan, (cc: QRP-L)

> How about taking along some of those shake-em-up hand warmers along, and
> strapping them around your rig and/or battery. You could even sew up some

Yep, good idea! WA5WHN and others have mentioned the same thing to me. Just never thought I'd need 'em. After *that* little adventure though, I'm not sure I can afford to ignore them. :)

> Would probably beat stuffing your pants with an Sierracicle ;)

Being attacked by a swarm of rabid ice weasels would be

better than stuffing my pants with a Sierracicle. *8-)
Won't be trying that maneuver again! :) Thanks for the
note!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Mon, 8 Feb 1999 18:12:25 EST
From: K2UD@aol.com
To: qrp-l@Lehigh.EDU
Subject: [32485] FS: NC-20
Message-ID: <b1c93339.36bf6f59@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

No, this is not a cruel joke. My friend, Steve Licht, WF2S has determined that due to recent surgery, he will not be able to complete his NC-20. Steve is looking for anybody who would like to complete his rig for him, or he is also entertaining offers for the rig.

Steve has completed steps 1-3. For those who don't have one, that means he has installed the front and rear components to the PCB and panels, and has installed and tested the power components (5 and 8V regulator and supporting circuitry) on the PCB.

I'm sure this will go FAST. Please send inquirees to Steve, not myself. Send them to slicht@iinc.com with your offer of assistance or purchase.

72 all,

Howard Kraus, K2UD

Date: Mon, 8 Feb 1999 15:41:43 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: Richard Fisher <KI6SN@yahoo.com>
Subject: [32486] Bicycle QRP: Yesterday and Today
Message-ID: <19990208234143.29714.rocketmail@send203.yahoomail.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

If you haven't had a chance to read John Cumming, VE3JC's, QRP-L posting chronicling his FYBO adventure while bicycle-in-motion QRP in the Great Canadian North, it's not to be missed. Great reading.

And for further insight into what makes VE3JC pedal, we highly recommend you read John's excellent article "Adventure Radio: The Early Years," the cover story -- with photographs -- in this month's edition of The ARS Sojourner, the Adventure Radio Society's monthly web magazine.

It's absolutely free, and just a click or two away at:
www.natworld.com/ars

If John tells you he had a "wheely good time" during the contest, believe him.

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Mon, 08 Feb 1999 08:28:34 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: n5em@flash.net, "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [32487] Re: Searching for a Boom Material (Not Explosives :-)
Message-ID: <36BEE682.DCBCDA9A@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed,

I got just the stuff for you. Get out the phone book and look up all the windsurfing shops. Ask what they have in cheap used windsurfing masts. They come two ways. Two piece and one piece. The one piece are about 16 feet long. They are made out of aluminum or fiberglass. The fiberglass ones are very tuff. They are tapered. About 1 1/2 inches diameter at the bottom and 3/4 inches diameter at the top.

Ed Kwik AB8DF Waterford, MI

Ed Manuel wrote:

>
> Gang,
>
> Once again, the depth of knowledge for the group makes this the first
> choice for an answer.
>
> I need to locate a source of material to replace a wooden antenna boom.
> The material needs to be dielectric at VHF-UHF frequencies, needs to be
> inherently weather proof, and I need it in lengths at least 5 ft. and
> preferrably up to 8 ft (I can cut it, of course :-)
>
> Further, it really needs to be square or rectangular, around 1/2 to 1 inch
> on a side. I can use round and we have used PVC tubing but this tends to
> be too light and the round shape makes it harder to drill for yagi
> antennas. Fiberglass would be fine, but I haven't found a source for this
> tubing in lengths greater than 4 ft. and greater than 1/2 inch diameter.
> The kite suppliers have some neat stuff, but it's a bit on the short side
> and at \$4 a foot gets a bit pricy. Still, I may end up using it.
>
> It should not be terribly expensive, but I would not consider \$2 per foot
> too much.
>
> Indirectly, this is QRP related - if you allow a bit of a stretch. Those
> ATV signals I'm receiving are really tiny :-)
>
> Please respond directly to keep list traffic down. Thanks for your help,
> in advance.
>
> And, if you're curious about what I'm using this for, check out the
> Antennas column in the February, 1999 _CQ-VHF Magazine_ by WA5VJB.
> Ed Manuel, N5EM
> Houston, Texas
>
> n5em@amsat.org
> atv@cq-vhf.com

End of QRP-L Digest 1361
